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(Errors and omissions excepted)

Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Medial relation of thyroid is---->RLN
- Satiety center is---->Medial part of hypothalamus (The three parts of the hypothalamus that regulate food intake are called the ventromedial nuclei, the lateral hypothalamic area, and the arcuate nucleus. The ventromedial nuclei is the satiety center, and when stimulated, it causes the sensation of fullness)
- Middle cerebral artery supply---->Cortex of insula
- Left border of heart is formed by----> Left ventricle
- Compliance of lung is directly proportional to---->Elastic recoil of lung
- Death due to food poisoning---->Clostridium Botilinum
- Cytokeratin is a type of---->Intermediate filaments
- At apex of lung---->Inc. V/Q
- brush border enzyme for carbohydrate is---->Lactase
- Calcium is released by tumor of which organ---->Thyroid
- Cytokeratin is used for---->Intermediate filaments
- Conducting system of heart is present in---->Sub Endocardium
- Gastric secretion is mediated by---->H1 receptor
- pancytopenia and lymphocytes 90% investigation of choice----> Bone marrow biopsy
- branch of subclavian Artery make anostomosis on shoulder---->Dorsal scapular artery
- high transmissibility is of ----> measles
- Drug that increases heart rate on normal doses—>Isosorbide dinitrate
- Contraindication of anticoagulants---->cerebral infarct / hemorrage
- Foot drop is due to---->common peroneal nerve, deep peroneal nerve branch of siatic N
- raised in malignant hyperthermia---->Ca+
- * Arterial supply of 1st portion of duodenum---->Superior pancreaticoduodenal
- Renal blood flow determined by---->PAH
- example of Short acting benzodiazepine is---->Midazolam
- ECG shows low amplitude T-wave---->Hypo kalaemia
- ❖ Upper I/3rd of medulla contain---->inferior olivary nuclcus
- Smooth muscle cause---->Slow & sustained contraction
- Anterior cumucate ligament daman displacement of Tibia on femur----->Anteriomedial
- Epicardium is supplied by;---->Coronary
- Micturition centre is located in---->midbrain
- Surgical neck fracture of humerus will lead to damage----->Post circumflex humeral artery & axillary- nerve
- Internal body environment maintained by---->Negative feedback
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- Feco-oral route---->Hepatitis E
- Short term memory loss is due to damage---->Hippocampus
- in bronchoscopy, firststructure visualized ----> Upper lobe bronchus
- Coronary blood flow is mainlymaintained by---->Myocardial 02 demand
- Climbing purkinji fibers comes from---->Medulla
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- Hydrocarbon cause---->Bladder Ca
- Diagnostic test for diabeticnephropathy---->Micro albuminuria
- increasing concentration in loop of Henle is due to---->Urea
- Hypospadias defect in---->Urogenital Folds
- IHD patient having CLD present with variceal haemorrhage management is---->Octeriode
- ❖ Needle penetration in ntercostal space pierce---->Intercostal membrane
- Patient died suddenly due to rapture of aneurysm---->Berry Aneurysm
- During exercise, coronary blood flow is maintained by----->Local metabolites
- Haploid number of chromatids is present in---->Spermatids
- Reticular fibers are present in---->Lymphoid organ
- Premalignant condition of oral cavity ----> Oral sub mucous fibrosis
- what is toxoid toxin ---->Tetanus
- Patient has tinnitus, fascial muscle paralysis. Lesion in---->Cereberopontine angle
- Most likely finding in chrons disease is——>Colonic transmural inflammation
- Anti-anginal drugconstipation and edema---->Deltaziam
 Anterior cruncate ligament prevent displacement of tibia----->Anterior (The ACL functions to prevent posterior translation of the femur on the tibia (or anterior displacement of the tibia) during flexion-extension of the knee.
- Ph 7.1, HCO3 17, CO2 46 ----> Metabolic Acidosis
- ❖ A patient has emphysema Will have----> Rise in plasma pco2
- Main target of HTN retinopathy eye is---->Arteriole
- Beta naphthalamine causes---->Urinary bladder cancer
- history of travel from Thailand presented with high grade fever, rigors and muscle aches. ----->Malaria
- A girl with presented to ER with allergic following bees sting, most probably due to---->Histamine
- acute respiratory acidosis show---->Decrease PH, increase PCO2 and normal HCO
- nausea, dry mucous membrane, hyperostosis, defi of---->Vit-A deficiency
- Testosterone lowest in age---->Preschool
- Vertebra is held In place by---->Anterior & posterior ligament



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- blow on the lateral side of face resulting in loss of tear production. Nerve injured is----->Greater Petrosal nerve
- Dorsal root has type of ganglion---->Pseudounipolar
- Voluntary inhibition of micturition is by---->Increased activity of pudendal nerve
- Wound contraction is due to---->fibroblast
- increase BP andchronically raised rennin---->Sec HTN
- True regarding dorsal column is---->Small receptive field
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Accommodation reflex lost, lesion is in---->Pretectum
- Internal spermatic fascia derived from---->Transverse fascia
- blood volume in 5kg babe---->400 450ml
- patient is having bleeding best initial assessment---->Pulse rate
- prolactin causes inhibition of---->GnRH
- mediator of pain---->Bradykinin
- Primary afferent from nociceptorterminates in---> lamina 1 spinothalamic tract
- Landmark of neck is by.--->sternotleidomastoid muscle
- Anterior relation of right kidney-
- Transitional epithelium derived from---->Endoderm
- ❖ Prolactinoma in female is due to----> Decrease dopamine from hypothalmus
- Dvt most common occurs due to ->Prolonged bed rest
- Stape is derivative of branchial arch----> 2nd
- Ulnar nerve damage at media epicondyle will result in---->Hypothenar wasting
 Bifurcation of common carotid artery palpated at---->Upper border of thyroid cartilage
 Which of the following has highestmineral content---->Tuber
- Factor 9 deficiency treated with---->FFPs
- * Posterior interventricular is a branch of---->RCA
- Least dilatable part of urethra---->Membranous part
- True about hereditary spherocytosis is---->Autosomal dominant
- **❖** Haematocrit in new born---->54%
- Patient presented with vasculitis and P ANCA positive, cause is---->Hepatitis B
- Most sensitive test for SUE---->ANA
- CO2 transport is an example of----> Negative feed back
- neural tube defects cause---->Folic acid
- ❖ Biological substance taken from food is---->Nutrients
- Marathron runner has profusesweating, mental confusion, and then suddenly collapse. Cause---->heart exhauusion
- X-Linked Agammaglobinemia in child is---->pyogenic infection
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- Bilateral damage to hippocampuscauses---->Loss of ability to convert recent to long term memory
- * which of the following organs increase in size in CRF---->Parathyroid gland
- Median umbilical ligament is a remnant of----> Urachus
- Patient presented after 4 hours of acute chest pain which test most specific---->CK-MB
- Most common cause of graft rejection---->HLA
- Type of epithelium present in stomach ----> Simple columnar epithelium
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- ❖ Middle cerebellar peduncle contain---->Olivocerebellar
- Hypervitaminosis A cause---->dry skin
- Digoxin toxicity increases due to----> Hypokalaemia
- Muscarinic cholinergic receptors---->prea-sympathetically cells
- * Referral system is defined as----> Two-way communication
- growth hormone---->is polypeptide
- Marker used for Total body water--->Antipyrene
- Aortic arch aneurysm will compress ----> Left bronchus
- Pancreatic and calcium secretion increases with---->CCK
- Fisherman has ecchymosis and gums hypertrophy, deficiency---->Vit. C
- Meningitis is 60 years old man is caused by ----->Streptococcal pneumonia
- hemi-section at mid-thoracic will have----->Contralateral loss of pain & temperature
- Fastest nerve conduction---->A aplha
- Most common side effect histamine——>Sedation
- in pancreatitis type of necrosis----->Fat necrosis
- Oath is most important component in---->Medical Ethics
- * Awake man with eye close, wave produced on EEG will be---->Alpha
- During hysterectomy, ureter can be damaged at ----->broad ligament
- side effect of IUCD is---->Bleeding
- Increase systolic volume with total peripheral resistance and diastolic pressure constant will cause---->Increase pulse pressure and increase MAP
- Viral disease transmitted bymosquitos is---->Dengue
- Uncoupling of oxidative phosphorylation----> NE
- transitional CA of bladder cause. ----> Smoking (most common) then plastic
- Diphtheria most lethal effect is on organ---->Heart
- Trachea bifurcates at the level of---->T5
- Dead space is not effected by---->shallow breathing
- Aneuploidy is caused by---->change in number with non-disjunction
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- Hypothalamic hypophyseal portalsystem---->Adenophysis
- in lifting weight Suddenly his arms dropped the weight. Organ of reflex---->Golgi tendon organs
- HLA B27 is associated with---->reiter syndrome
- Ca and Po4 balance maintained by---->PTH
- Drug absorption from GIT by simple diffusion depends upon---->lipid solubility
- Langerhans giant cell is---->Derived from Macrophages
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- in exercise, the non exercising muscles are provided blood flow because of----->Sympathetic cholinergic
- Thyroglobulin released by---->Papillary Ca
- Airbom infection is---->Anthrax
- Loss of motivation and depression. lobe is involved in---->frontal
- will not cause active immunization---->Anti-toxin
- Preinalignant lesion on cheeks which leads to SCC and need excision----->Actinic Keratosis
- Pain & temperature carried by-----> Lateral spinothalamic
- * 70 years old patient presented withrepeated UTI, cause is---->Outflow obstruction
- ->Supply to smooth muscles of glands General visceral efferent means—
- vitamin requirement increases with protein intake,---->Riboflavin
- Pellagra caused by---->Niacin
- During exercise, blood flow to muscles ar Sympathetic cholinergic fibers
- 41% hematocrit means---->RBC only
- * 80 years old patient with sudden HTN with no issue of previous hypertension cause is---->anxiety
- Theophylline, nitro-glycerine side effect----> Tachycardia
- Right ventricle gives rise to---->Pulmonary Trunk
- Hepatitis D most commonly occurs with---->Hepatitis B
- 3rd heart sound---->Rushing of blood rapidly in ventricles
- Digoxin is given in---->Atrial fibrillation
- Hyperexcitablity of neuron due to deficiency of---->Ca
- ❖ in low HR there will will---->Diastolic decreases more than systolic
- ECR different from ICF---->Inc. Cl
- ❖ True hermaphrodite karyotype---->46 xx
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Best thrombolytic agent---->Alteplase
- False negative tuberculin is in---->severe malnutrition
- MI 4 hours back---->Ck-MB
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- In the second week typhoid bacilli reside in---->Payer patches
- extension of back, prevented by---->Anterior longitudinal
- Active form of thyroid hormone is---->Unbound Form
- Gastrin is inhibited by---->Somataostain
- Optic neuritis is caused due deficiency of---->Vitamin B6
- Temperature increases above set pointwhat will decrease---->Sweating
- A gland with more mucinous cell but few serous cells---->Submandibular
- Heparin is produced by---->mast cells
- Gastric acid is increased by---->medulla
- ❖ Weight gain can be monitored by----> Work output
- painless testicular mass with raised LDH level, diagnosis---->Lymphoma
- reversible injury seen in---->Cellular swelling
- Erythropoietin secretion is inhibited by---->Theophylline
- Tractus soliterius contains---->2nd order neuron.
- Analgesic effect of TCA---->3-4 Weeks
- Lesser sac attachment at lesser curvature of stomach through ligament---->Hepatogastric ligament
- Most radiosensitive tumor---->Brainstem glioma
- Drug for active cardiac failure----->Diuretics
- Most common benign tumor of salivary gland---->Pleomorphic Adenoma
- Wrist joint is---->Ellipsoid joint
- HLA B27 is associated with---->enteric arthropathy
- test for infectious mononucleosis---->Monospot test (EBV)
- Thiazide moa---->Na/Cl Co Transport Blocker
- Development of anterior pituitary gland----> Out pouching from stomdium
- ❖ Aplasia---->Failure of cell production
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- * Pap smear is very cost effective diagnostic test, how it detects disease---->Dysplasia
- Histamine antagonist---->Cimetidine
- ❖ Warming of blood up to 37c will for massive transfusion---->Left to Right shift
- Growth hormone remains normal inpregnancy due to production of---->Human somatomammotrophin
- Most common immunoglobulin in body---->lg-G
- Testicular tumor with mature sperm cell---->Teratoma
- Albumin is not freely filtered due to---->Negative charge
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- hx of headache, diplopia, blurred vision tenderness in temporal region. cause ---->Gaint cell
- **❖** Xiphistemum lies at a level of---->T9
- hemolytic Reaction will occur if O +ive given to----> O-ive
- Supporting cells of pars nervosa---->Pituicytes
- Hormone of stress---->Cortisol
- Helper T Cells---->Produce Cytokines
- ❖ after ace inhibitor feels dizziness. Cause is---->Angiotensin 1 blockade in brain
- Heparin acts on----> Antithrombin 3
- Phrenic nerve root value---->C4
- Patient has weakness of right side and upper limb and difficulty in speaking, artery is involved----> Left MCA
- Internal jugular vein after leaving jugular has connection---->Internal carotid artery
- In new born the organ with adult size is---->Inner ear.
- Streptocoocus infection requires---->ASG titer
- Patient with cardiac implant, multiple abscesses in brain. The organism is----> Nocardia
- hx of paralysis of leg and aphasia. Artery involved is----> MCA
- In 2yr girl rash started behind ears, then neck then trunk. Cause is---->Measles
- Worsen prognosis in sepsis---->DIC
- Amyloidosis is diagnosed by---->rectal biopsy
- Labryntine artery is a branch of----->anterior inferior cerebellar artery
- Slow wave sleep is feature---->Teeth grinding
 medial side of the arm is supplied by brachial plexuss---->Medial cord
 Burkett lymphoma is due to---->EBV causing C-Mvc Translocation
- ❖ Diagnostic test for infectious mononucleosis---->Heterophil antibody
- Daily protein requirement for adult is---->1g/kg
- muscle size reduced after caste applied for few weeks of fracture---->Dec. actin and myosin
- Hirscsprung disease ---->Conginetal Aganglionic Megacolor
- Severe steatorrhea will result from---->Total pancreatectomy
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- RBC caste in urine, low WBC---->Glomerulonephritis
- drug for preoperative anaesthetic in a patient with decompensation liver disease----->Lorazepam
- Target of hypertension in retina is---->Arterioles
- Mitral valve auscultation---->Left 5th ICS midclavicular line
- Old man with failing heart, best treated with---->dopamine
- Pulmonary valve opens when right ventricle pressure reach---->8 mmHg
- Increased HR will---->Effects diastole more than systole
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- Highest mortality is associated with which virus ---->HDV
- Most potent antioxidant---->Glutathione
- hypokalaemia, cortisol and VMA normal, renin is decreased, and patient is suffering from----->Addisons disease
- * Blood in CSf----> Subarachnoid haemorrhage
- Clostridium toxin act on---->SNAP 25
- petechial rash, bleeding gum and ecchymosis with fever. 1st test---->CBC
- Common cause of neonatal hyperbilirubinemia---->Cholestasis
- ACE inhibitors in preganacy cause---->Renal agenesis
- Least likely to cause decrease wound healing---->Increase age
- Characteristic of exudates---->Inflammatory cells
- Re-entry circuit occurs due to---->Paroxysmal nodal tachycardia
- Indication of H2 blockers ---->Dec. acidity and volume of contents
- Erythropoietin is secreted by ----> Peritubular capillaries (Erythropoietin is produced by interstitial fibroblasts in the kidney in close association with the peritubular capillary and proximal convoluted tubule. It is also produced in perisinusoidal cells in the liver.)

 Metabolic acidosis causes---->CNS Depression
- Structure lies in front of IVC---->Right testicular artery
- laparotomy, Few hours later patient is having abdominal distension, tachycardia, and hypotension. What is the case----> Hypovolemic shock

 Mechanism of polyuria in diabetic patient is----> decrease glucose reabsorption

 secreted in gastric juice----> Pepsinogen

- Baby passes stools after every feed is due to---->Gastro colic reflex
- Depolarization in hair cells is due to----> Inwards flow of K
- Factor 8 is produced by---->Endothelial cells
- DVT emboli lodge in---->pulmonary artery
- Standard deviation----> Square root of variance
- choreiform-movement. Autosomal dominant single gene defect---->Hungtington
- drooling of saliva but can close his eyes. lesion located in----->Supranuclear nucleus
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- Lymph flow will be decreased in---->Haemorrhage
- Suprapubic transverse incision is at risk of damage---->inferior epigastric artery
- DOC for myasthenia gravis---->Neostigmine
- Burkitts lymphoma is caused bv---->EBV
- Corpus leutum releases---->Progesterone + estradio (estrogen) + inhibin A
- Vit. B12 deficiency after gastrectomy is treated by---->IV VitB12
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- red raised purplish lesions on skin with generalized lymphadenopathy with oral thrush, cause----> HHV8
- Vitamin D causes---->Increase serum phosphate
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- causes SCC---->Radon
- Common cause of carcinoma mouth in adults is---->smoking
- Ovarian CA tumor marker---->CA-125
- Insulin is inhibited by---->beta blocker
- In atopic asthma, antigen binds to---->Mucosal mast cells
- Vitamin C deficiency causes---->Bleeding gums
- In which phase chromosomes are chromatids---->Prophase
- Eating of raw and undercooked meat can cause infestation of---->Tape worm
- * Red green colour blindness is side of which at drug---->Ethambutol
- Enzyme which combines two and make a single compound----->Synthetase
- ❖ Most common function ofprogesterone---->Maintain thickness of endometrium
- Calcitonin released by tumor of----> Thyroid
- ❖ Popliteal nodes enlarged if affected area is----> lateral dorsal surface of foot
- Patient having resting tremors, rigidity and expressionless face. Part involve----> Substania nigra
- Progesterone is responsible for---->stromal development
- Patient with Right hemiplegia with lower face weakness and right homonymous hemianopia.
 Where is the lesion----->forebrain
- Entero-kinase converts---->Trypsinogen to trypsin
- ❖ Supra renal gland supply---->Greater Splandhnic
- Gastrin is released from---->Antrum
- Slow wave in GIT involves---->Rhythmic oscillations
- * elbow of 12 years girl, secondary ossification center will appear last---->Lateral epicondyle
- preoperatively in patient phcochromocytoma We will give---->Alpha followed by beta blockers
- Fev1/Fvc normal range is---->0.8
- Goblet cells are---->Modified columnar epithelium
- Facial nerve enters to temporal bonethrough ----->Internal acoustic meatus
- Pregnant lady went to remote village presented with jaundice diagnosis---->Hepatitis E
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- structure lies in upper 1/3rd of medulla---->vestibulocochlear nucleus
- Accommodation reflex intact but light reflex lost, lesion is in---->Pretectum



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- Heparin binds with---->Anti-Thrombin 3
- ❖ A tumor of 3.6cm in size, ipsilateral lymph nodes and metastatis---->T2.N1.M1
- Illeal resection cause---->Increase water loss in stool
- Smoking is related to---->Gaint cell arteritis
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- * MAO of cyclosporine is----> Inhibit T cell differentiation
- Insulin independent glucose uptakeis---->exercising skeletal muscles
- Byssinosis is common in ---->Textile industry
- B12 deficency after ATT----> Isoniazid
- spread by feco-oral route---->HEV
- large vessel anomaly is---->PDA
- Ulnar nerve damage at elbow will damage---->Medial 2 lumbericals
- HLA dr4 is associated with---->rheumatoid arthritis
- Male having gynecomastia. Cause is high---->Prolactin.
- Contraction of diaphragm will cause Increase lung volume
- Female taking HRT is at risk of-----> preast cancer
 Young female present with gum bleeding, petechial and epistaxis. Gold standard is-----> Bone marrow biopsy
- Exotoxins in food poisoning is organism---->Staph aureus
- ❖ <u>deficiency of riboflavin and niacin causes</u>——>pellagra (Pellagra is a multiple-deficiency disease associated with diets providing low levels of niacin and/or tryptophan and often involving other B vitamins resulting in changes in the skin, gastrointestinal tract, and nervous system.)
- 1 heart sound produced by----->closure of AV value
- cimetidine in operation will----->secretion
- characteristic of cardiac tamponade is----->Pulsus paradoxus
- dyspnoea on lying down. Cause may be---->Retrosternal goitre
- Bronchogenic CA is caused by---->CMV
- ❖ A new born with repeated respiratory infection. Cause is----->igG deficency
- In Acute exacerbation of asthma appropriate test is---->PEFR (Exacerbations are characterized by decreases in expiratory airflow that can be documented and quantified by simple measurement of lung function (spirometry or PEF).
- Hypotension and vasodilation is dueto----->Septic shock
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- actin and myosin bridging is due to ---->Ca+
- Most common pre-malignant lesion of oral cavity is----->Leukoplakia
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- Slowest conduction is found in---->AV node
- in nephrotic syndrome Cause of oedema is-----> Decrease oncotic pressure
- present in the middle of medulla----->Nucleus ambiguous
- Fracture neck of fibula with loss of eversion and dorsiflexion----->Common peroneal nerve
- Diphtheria toxo vaccination type of hypersensitivity----->Type 3 HSR
- Bronchoalvealar lavage shows boat shaped cyst. organism is----->Pneumocysticcarini
- Secondary cartilaginous joint example----->fibrocartilage tissue b/w bone
- Pendecular knee jerk is feature of injury of---->Cerebellum
- * The side effect of theophylline and nitro glycine---->Tachycardia
- A diabetic patient with myxoedema presented with hypertension. DOC-----> Captopril
- In pregnancy test hormone ismeasured in urine---->HCG
- Loud S1 opening snap and mid diastolic rumbling murmur at apex are characteristic of-----> Mitral stenosis
- Hypersensitivity is by-----> Mycoplasma tuberculosis (best among options)
- similar to atropine is----->Scopolamine
- Programmed cell death is known as ---> Apoptosis
- opsonisation is due to---->C3b
- polycythaemia film show----->Increase in red cell mass
- blood vessels factor causing cancer is——>VEGE
- poor recall .. Iron staining cells---->Hep C (iron deposition is most clinically relevant iron staining pattern)
- coronary artery in Posterior 1/3 myocardial infarction involement is---->posterior descending artery
- ❖ Juvenile polyposis syndrome example → → taemartomatous
- Female is on HRT for 10 years. She has Risk of----> Breast CA
- ❖ bi temporal hemianopia with prolectenemia. Cause is----->Pituitary Adenoma
- Marker diagnostic for colon CA is---->CEA
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- Complement system formed by----->Hepatocytes
- Submental and submandibular lymoil node drains----->jower lip
- cell will swell more quickly in---->250 ml urea
- mitochondria mutation is Derived from----> mother
- Local cause of prolong wound healing is----->Infection
- slow wave in sleep is during---->Teeth grinding
- Part of nephron impermeable to water is----> Ascending loop of Henle
- can causeplatelet aggregation---->Thromboxane
- Bile salts were absorbed by----->lleum
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- Pancreatic enzyme deficiency cause-----> Decrease absorption of trigjycerides (lipid breakdown)
- old hypertensivewith thyrotoxicosis. DOC----->Propranolol
- feature of ovalution---->ferning cervical mucus
- Primary auditory cortex lies at---->Inferior temporal lobe
- Gene amplification tumor is---->Neuroblastoma
- Amyloid plaques and neurofibrillary tangles are characteristic of----->Alzheimers disease
- history of fever, bilateral lymphadenopathy, hepatosplenomegaly, anaemia. bittne by some fly. Cause is---->Kalazar
- Ectopic pancreatic tissue is called----->Choristoma (Choristoma is a rare benign tumour consisting of microscopically normal tissue derived from germ cell layers foreign to that body
- factor a activated in lungs-----> Angiotensin-2
- A child with rigors and chills develops dark colour urine after taking medicination. cause-----G6PD (anti malarial drugs)
- Amoeba resides in---->Cecum
- Droplet infection transmission occurs at a distance of-----> 1 to 3 feets
- type of breathing in diabetic acidosis---->Kussmal breathing
- ❖ Vitamin required for acetyl CoA is———>Pantothenic acid
- Potassium sparing diuretics mechanism of action is----->Decrease Na/k exchange in DCT
- * brachiocephalic vein formed by---->Internal jugular and subclavian veins
- Role of epidemiologist is---->Prevention
- Change of epithelium from one type to another is called ----> Metaplasia
 subdural haematoma, is due to rupture of superior cerebral vein
- Adult polycystic kidney disease is---->Autosomal dominant
- hyaline membrane disease cause---->Prematurity
- Complication of diabetic foot----->wet gangrene
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Best donor for transplant is---->Twin
- Glands are present in---->Lamina propria
- after mastectomy presented with arm swelling. Cause is---->Lymph obstruction
- A trophic gastritis presented with macrocytic anaemia cause is----->Vitamin BI2
- Insulin in-dependant glucose uptake occurs in----> Hypothalamus (brain)
- Temperature is controlled by----->Anterior hypothalamus
- Posterior pituitary derived from---->Diencephalon
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- acts by cAMP---->MSH
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- Aortic valve opens when pressure rise to---->80
- Mitochondria abundant in---->Ciliated cells
- Superior rectal artery is a branch of----->Inferior mesenteric artery
- * Regarding autosomal recessive---->One of four siblings affected 25%
- Last intracranial branch of facial nerve is----->nerve to stapedius
- Steep curve shows ----->small dose, large effect
- DOC for acute pancreatitis is---->pethidine (opoid)
- After bomb blast injury type of deafness will be-----> Mixed deafness
- ❖ Most common site of rib fracture is---->Angle
- Labs show Aptt and BT prolong whereas PT is normal. cause is----->VWB disease (BT always rise in platelet dysfunction)
- second heart sound----->occurs during isovolumetric relaxation phase of cardiac cycle
- Structure present deep in cortex is----> Insula
- Prolong QRS complex cause---->Ventricular hypertrophy
 Nerve carrying afferent fibers are---->Optic nerve
- Patient presented with mild haemorrhage. BP was controlled. Now there will be decrease in------>heart rate
- descending aorta is---->T4
- Doc in patient with meningitis
- injury to TMJ causing difficulty open due to----> lateral pterygoid
- Minor calyx receive urine from---->Papilla
- heart sound is felt on left parasternal 3rd inter coastal space---->Aortic
- hx of smoking. Bronchoscopy show-----> metaplasia
- Most locally spreading tumor is----> Ameloblastoma
- blood supply of visual tree---->Central retinal artery supply nerve
- Regarding new born---->C shaped vertebral column
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- preferred treatment for warfarin toxicity----->FFP
- !odine will secrete through---->Urine
- spleenomegaly with WBC 1lac Hb is 6.4, platelet 20,000 transcription involved----->922
- Potent antioxidant----->Vitamin A
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- In case of dehydration, ECF is---->Hypertonic
- Opioid antidote is---->Naloxone
- Benzodiazepines reduces----> REM sleep
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- ❖ In forceful flexion of neck ligament is torn---->Ligamnetum nuchae
- peripheral neuropathy is in poisoning of----->lead
- disease having low complement level----->SLE
- In CKD patients anemia is due to ----->erythropoietin deficiency
- ❖ Superficial fascia is mixture of-----> Loose aerolar and adipose tissue
- Intra-embryonic coelom derivative of----->Lateral plate mesoderm
- Sensitive test for SLE is---->ANA
- Source of progesterone in 2nd and 3rdtrimester is----->Placenta
- Most common cause of cirrhosis---->Alcoholism
- gluteus maximus muscle blood supply---->inferior gluteal artery
- neural cell derivative is----->Dorsal root ganglion
- unable to recognize faces. Area damaged is---->Fusiform gyrus
- Trypsinogen is converted to trypsin due to ---->Increase in pH (alkaline ph with enterokinase activity)
- ❖ In shock with due to failure of heart. which should be given---->Dopamine
- ❖ Treatment for obstructive sleep apnea ---->UPPP (Uvulopalatopharyngoplasty (UPPP) is a procedure that removes excess tissue in the throat to make the airway wider.)
- Destruction of the supraoptic nuclei of the brain will produce ----->increased volume but dilute
- >Pulmonary embolism
- artery is posterior to sternum----->Internal thoracic artery
- after complicated delivery, unable to breastfeed, amenorrheo. dry skin and hypotension. Cause is---->Sheehan syndrome
- structures lies anterior to trachea in thoracic cavity----> Arch of aorta
- Regarding coronary arteries---->2 coronary arteries, 1 atrioventricular, 2 septal arteries
- Premalignant lesion is---->bovens disease
- ❖ Pleurocentesis is done in---->Lower part of 9 ICS midaxillarv line
- Utricle and saccule function is---->position
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- sertoli cells---->androgen inhibiting factor
- Aortic insufficiency is found in---->Ankyloses spondylitis
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...



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- ❖ in resection of ileum 100cm---->Decrease salt & water absorption
- cause of autoimmune haemolytic anemia---->Idiopathic
- MAO of dicylomine is---->M3 receptor
- UMN lesion involved---->Corticospinal and corticobulbar tracts
- progressive generalized lymphadenopathy. Ka Hb is 8, TLC 80 x 10 and platelet count is 94 x 10. mature lymphocytes. diagnosis---->Chronic lymphocytic leukaemia
- Radiation causes cancer in---->10 Years
- * muscle of neck demarcation poor recall---->SCM (best answer), scalenonus anterior, stylohyoid.
- Action potential transfer from cell to cell----->Gap junction
- Final product of purine metabolism---->Uric acid
- Free nerve ending is sensitive to---->Pain
- Ventral spinothalamic tract lesion, loss of---->Crude touch
- Lesion in the optic radiation in Meyers loop causes---->Superior quadrantopia
- Pellagra is caused due to deficiency of---->Niacin
- ECG shows 2 p waves and 1 grs complex pattern Diagnosis is----> Mobitz type 2
- Regarding coronary blood flow ----->decrease with increase in heart rate (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2438254/)
- Selective proteinuria occurs in---->Minimal change disease
- tendency to fall on left side, left limb tremor and asthenia of left side, damaged area is---->left Cerebellum
- Regarding lymph vessels---->Drains tissue fluid back
- Femoral hernia lies lateral; ---->Below and lateral to pubic tubercle
 Women has been injected PPD, after 24hrs reaction occurs. ---->T-cells
- Lesion in the optic radiation involving Meyers loop causes---->Superior quadrantopia
- Damage to adenohypophysis (pituatury gland)leads to---->Zona fasciculata (adrenal)
- Infarction in posterior 1/3 of ventricular septum, artery is---->RCA
- Saw tooth appearance ischaracteristics of---->Atrial flutter
- Parietal cells secretes---->Hcl + Intrinsic factor
- Air born Droplet infection can spread---->3 to 6 feet
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Lymph flow decreased by increase of---->Increased oncotic pressure
- Nasopharyngeal carcinoma is caused by---->EBV
- 1 biostat question to find MEAN from list---->
- Virus causes cancer by altering---->Proto-oncogene
- ❖ Nucleus is---->Hemotoxvlin
- Hemibilusmus lesion---->Sub thalamic Nuclei
- Most radiosensitive is---->Lymph node
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...



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- Patient standing normally with eyes open but falls to side when eyes closed lesion is in----->Dorsal column medial leminescus
- GFR in CRF patient is measured by---->Creatinine clearance
- ❖ left shift of O2 HB dissociation curve---->Haldene Effect
- * Basophilia of cell is due to---->Ribosomes
- Cimetidine moa---->H2 antagonist
- Thyroid gland is enclosed by---->Pretracheal fascia
- ❖ Vibrio cholera cause diarrhea due to---->increase chloride secretion , cAmp activation
- Anaemia will always have low---->HB
- cause of autoimmune haemolytic anemia---->Idiopathic
- Abnormal Babinsld sign, lesion is---->Pyramids
- CSF & plasma different in----> Decrease PH
- Posterior surface of heart is supplied by---->RCA
- Least in circulating blood---->basophila
- Factor 8 deficiency is treated by ---->Cryoprecipitate
- Highest cross section area--->Capillanes
- Lady with pallor and weakness low move taste changes and eg stools, what is the dx----->Ancylostoma Deudenale
- newborn with meningitis---->Strep agalacticae
- herpes simplex treatment---->Acyclovir
- Hemophilia is---->X linked Recessive
- A man goes to Siachin 12000 feet develops dysnea, cause---->Pulmonary edema
- -->P. Falciparum
- Malignant tertian malaria is caused-by---->P. Falciparum
 Worker having carcinoma bladder exposed to---->Aryl amine
- * epistaxis, Hight BT with platelets are 2 lac. Defect is ---> Platelet functional defect
- Type of necrosis common in kidney---->Coagulative necrosis
- drug cause histamine release and hypotention----> Vancomycin
- Sternohyoid nerve supply---->Ansa Cervical
- function of sertoli cells ---->Acts as blood testis barrier
- Contraindication of anticoagulant---->Cerebral infracts
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- drug with no receptor---->aluminium hydroxide
- During exercise, blood flow decreases to---->kidney
- Testicular tumor with mature sperm cell is---->Teratoma
- Neurotransmitter of basal ganglia is---->GABA
- turner syndrome---->45 XO
- Staging determines---->Tumor invasion
- After chemotherapy tumor size regressby----->Apoptosis
- Middle thyroid vein drain into---->Brachiocephalic vein
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- HCV liver bipsy show---->Periportal Fibrosis
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Patient presented with difficulty in inversion of foot, most probably cause of damage is----->Tibialis anterior and posterior
- Strontium 90 causes---->leukemia
- Most common cause of infective endocarditis in IV drug abusers is---->Strep aureus
- cold water in ear cause nausea due to---->decreased discharge rate of vestibular afferents (If the water is cold, relative to body temperature (30 °C or below), the endolymph falls within the semicircular canal, decreasing the rate of vestibular afferent firing.)
- congo red stain is use for---->Multiple myeloma
- * Embryonic tissue responsible forseparating chamber of heart aorta ----> Endocardial cushions
- receptor is involved in vascular smooth muscle contraction after IV epinephrine---->Alpha 1 adrenergic
- * Most important clinical feature of water intoxication---->Slow pulse
- A diabetic patient with think mart jelly like sputum---->Klebsella
- RH -ve mother delivered baby with blood group O negative, now transfused RH +ive blood ----->Haemolytic reaction
- First step in thrombosis formation——>Deposition of platelet on endothelium
- Patient has difficulty in going down stairs he is turning his head to left to avoid diplopia which paralyzed ---->Right SO
- Aspirin inhibits platelet aggregation by decrease production of---->TXA2

- Characteristics feature of tubercle is---->Epitheliod cells
 Juxtamedullary nephron has---->Counter current multiplier
 presence of increase light chain immunoglobulin is feature of----->Systemic type amyloidosis
- nose infection spread to brain by---->Superior ophthalmic vein
- Longest receptive field sensation is carried by tract---->lateral spinothalamic
- hypersensivity in diphtheria---->Type 3
- ❖ Main feature of dysplasia---->Change in shape and inc polarity of cell
- Histopathological feature ofmalignancy---->Invasion of BM
- Otic ganglion receive parasympathetic preganglionic fibers from---->
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- 2nd part of duodenum is supplied by----->Superior mesenteric artery (The superior mesenteric artery is the artery to the midgut. It supplies the gut from the ampulla of Vater of the 2nd part of the duodenum to the distal third of the transverse colon
- Nature of drug receptor present on cell membrane is---->Protein
- Lesion of VPM nucleus causes---->Obesity
- Benedict test is for---->urine (reducing test)
- Longest pre erythrocyte phase ofplasmodium---->Malarae



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- In Sibbi, 3 month history of fever, bilateral lymphadenopathy, hepatosplenomegaly, . He has history of bite by some fly. The diagnosis is---->Kalazar
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Individual muscle fibers are enclosed by---->Endomysium
- Pregnant patient taking amitriptyline which advice should be given---->Reduce dose if side effects
- Heart muscle acts as syntitium due to---->Gap junction
- ❖ Most likely ECG change in MI is---->St segment disruption
- During Asthma which of the following will increase ---->Histamine
- heavy intermenstrual bleeding treated by---->Danazol
- Crescent in kidney is formed by---->Parietal cells & macrophages
- hormone will decrease with increase in dopamine---->Prolactin
- First pass metabolism avoided by---->I/V
- carrier of haemoglobin----->Heptoglobin (Haptoglobin is a protein produced by the liver that the body uses to clear free hemoglobin (found outside of red blood cells) from circulation. This test measures the amount of haptoglobin in the blood. Hemoglobin is the iron-containing protein complex that transports oxygen throughout the body)
- ❖ In cardiac muscle plateau is due---->Influx of ca and efflux of K+
- Selective COX 2 inhibitor---->Meloxicam
- aeroplane engineer complain of abnormal hearing, cause---->High frequency sound
- True about posterior triangle of neck---->Hyaline cartilage covers articular
- The netve roots blocked in puudendal nerve block is---->S2, 3, 4
- In type 2 heart block---->Ventricular rate slower than atria
- Concomitant hyperplasia hypertrophy is present in---->Uterus in pregnancy
- ❖ DOC for travellers Diarrhoea ---->Norfloxacin
- * right upper homonymous quadrantanopia, area damaged is---->left lower optic radiation
- prominent and rapid pre-potential is found in---->SA node
- * Renal pyramids are present in---->Medulla
- Drug of choice in pulmonary anthrax is---->Ciprofloxacin
- * Removal of carbohydrate bound to protein results in----->Aggregation and precipitation
- Grading determines---->Degree of differentiation
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- short stature, neck webbing, sexual infantilism, and a shield like chest with widely spaced nipple genetic change is---->45, XO
- Post rotatory nystagmus is due to----> Endoiymph moves hair cells and Crista
- hx of meningitis. CSF show holo on microscope. Doc is---->Amphotoricin B (cryptococus)
- Facial nerve cross side oftemporal bone---->Posterior cruciate ligament
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- Posterior dislocation of tiba over femur is prevented by----->Posterior cruciate ligament
- AIDS has low (followup)---->CD4
- Shigella cause dysentry by---->Mucosal invasion
- Monteux test induration is due to---->T Cells
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Blood supply to upper part of oesophagus---->Inferior thyroid artery
- Dialysis fluid has---->More glucose than plasma
- Outline of cell preserved in type of necrosis---->Caogularive
- Mutation of p53 is associated with---->Cell survival
- Cerebellum is connected to midbrain via---->Superior cerebellar peduncle
- Antidote for warfarin---->Vitamin k.
- Major contributor of urea in body---->Ammonia
- True hermaphrodite is---->XX
- Gene amplification tumor involve--->Neuroblastoma
- anterior wall MI show---->lead VI-V4 and St elevation
- aminoacid that transport of nitrogen destined for excretion as urea---->Glutamine
- Mid of 3rd week characteristic in formation of----> Heart tube
- ❖ A farmer has lung lesion → Aspergillosis
- Axillary sheath formed by;---->Prevertebral fascia
- Female patient was operated for benign ovarian tumor her wound is not healing proper lyshe was asked about diet it was lacking fruits and vegetables what is the cause of decrease wound healing---->vit.C Deficiency >dec. tensil artery
- Druring lactation prolactin causes inhibition of
- Doc for pseudomonas aueroginosa -----> Ceftazidime
 Soldier after retiring from Siachen glacier with complains of headache and peripheral cyanosis of his fingers. cause is---->Secondary Polycythaemia
- Blood supply of bone---->Epiphysis supply epiphyseal artery
- The cause of primary hepatic carcinoma---->Aflatoxin
- present in anterior mediastinum---->Thymus
- GFR is estimated by---->Creatinine
- Nucleus tractus solitems forms---->2nd order neuron
- A person drank 170meQ/L Na+ in 100ml water effect will be---->Increased ECF + ICF osmolarity
- Primary amyloidosis of increase immunoglobulin light chain is----->Systemic type amyloidosis
- Right to left shift occur in---->CO poisoning
- ❖ in Abdominal angina which area is lease effected---->Descending colon
- Hepatitis B monitoring is by---->SGPT
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- Micturition reflex is controlled by----> Sacral
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- Iymphadenopathy with palpable lymph nodes in cervical region. diagnosis---->AIDS
- Rapidly adapting receptor---->Touch
- Umbilical vein has---->Increased O2 saturation
- Pleurocentesis location----->lower border of 9th Intercostal space mid axillary line (The recommended location varies depending upon the source. Some sources recommend the midaxillary line in the eighth ninth or tenth intercostal space. Whenever possible the procedure should be performed under ultrasound guidance which has shown to reduce complications. wikipedia)
- Endocrine system develops from---->3rd and 4th pharyngeal pouch
- Negative water clearance---->Siadh
- drug for patient withsubarachnoid haemorrhage is----> Nimodipine
- Ureter damaged at pelvic brim during ligating ----> Uterine artery
- Maximum percentage of carbon dioxide in the blood Is found as---->Bicarbonate
- horizontal diplopia on far right lateral gaze nerve damaged is---->Abducent nerve
- In severe diarrhea what occurs——>Metabolic acidosis
- Digoxin toxicity increased with---->Hypokalemia
- history of prolong bleeding during circumcision. Has tender joints----->Factor 8 assay
- Tumor marker for colorectal CA---->CEA
- Adult polycystic kidney disease is---->Autosoma dominant
- Type of necrosis in stroke brain---> liquefective
- High cardiac output failure is found in---->beri beri.
- Defecation occurs by---->Relaxation of sphincter
- spore forming bacteria---->Clostridium
- Drug worsening angina is---->vasopression
- ❖ Thirst stimulated by---->Angiotensin 2
- sympathetic activity cause---->Bronchodilation
- drug excrete without anybiotransformation is---->Streptomycin
- digging deep earth crust prone to have ---->Silicosis
- Trisomy 21 is---->Down syndrome
- Sympathetic activity of heart causes---->Decrease AV nodal delay
- Lesion of lateral hypothalamus results in---->Inhibition of feeding
- Cause of lymph granuloma vanereum---->Chlamydia Trachomatis LI -L3
- Postganglionic sympathetic ---->nor epinephrine
- Starvation shows---->Ketone in blood
- ❖ IV-fluid should be given to increase ECF & decrease ICF----> Pure water
- Body of hyoid is at which cervical vertebral level---->C3
- * Right intercostobrachial artery arises from----->Anterior portion of descending aorta
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- Oxygen diffusion in lung capillaries is by ---->Passive diffusion
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- Patient develops infective endocard after dental procedure organism---->Strept. Viridans
- Lymph from appendix is drain into ---->Superior mesenteric LN
- pt with pH 7.4 bicarbonate 18 and PCO2 30.---->Compensated Metabolic acidosis
- Mean stroke volume is---->cardic output/heart rate
- Feathery appearance in abdomin on barium swallow is in---->Jejunum
- Myasthenia gravis type ofhypersensitivity---->Type 2
- maxillary artery supplies which arch---->1st
- Down syndrome associated with---->Alzheimer disease
- Extensor at hip and flexor at knee---->Semitendinosus
- Corpus leutum produces---->progesterone estrogen inhibit
- do not provide active immunity---->Antitoxin
- Blood supply of thalamus---->Posterior cerebral artery
- Common side effect of Protamine is---->Hypotension
- Benzodiazepines will cause severe hypotension in----> Above 65 years
- Daily requirement of protein--->10-35%
- girl with type 1 diabetes has mostly hyperglycemia in morning. Which is appropriate option ----->Regular & intermediate insulin twice
- Motor aphasia due to---->Broca area
- * Facial nerve passes to temporal through---->facial canal
- Blood group with no agglutinins---->AB -ive
- common in pulmonary and skeletal capillaries ----> Protein filtration
- Lymph drainage of lateral quadrant of breat---->Ant. axillary nodes
- Vas Deference
- Psuedostratified epithelium is present in----->Vas Deference
 Branch of subclavian artery supplying to the shoulder joint----->Dorsal scapular
 Adherence and compliance of treatment---->Patient perception of disease
- Ischemic patient took 6 hours to reach hospital which organ will least effected----->Skeletal muscle
- Aspirin overdose causes---->tinnits (first sign) Acidosis
- Broaca area damage in non-dominant hemisphere aphasia---->Anomic
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- Parasympathetic effect on heart---->Decrease PR interval
- Close to crus cerebri is---->Substania nigra
- doc of pseudomembranous colitis----> Vancomycin
- DOC in menigitist----> Ceftriaxone
- Benzodiazepines causes ---->hypotention
- The H-K pump in parietal cells iscontolled by---->K-ATPase
- The extra systolic beat would produce---->Decrease pulse pressure because SV is decreased
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- Which one is part of limbic system----->Amygdala
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- Pancreatic secretion is increased by---->Secretin
- no improvement with H2 blocker. Cause is---->Zollinger Ellison syndrome
- factor helpful in absorption the most---->lipid Solubility
- increase in pressure in heart cause release of ---->ANP
- Hormone that always act via CAM mechanism---->TSH
- The veins opening directly opens into right atrium is---->Anterior cardiac vein
- Major cells in pathogenesis insarcoidosis are---->Lymphocytes
- Drug which can be given in preoperatively in patient---->lorazepam
- Spinal nerve---->both sensory and motor in dorsal rami
- Carbohydrate packing occurs in which organelle---->Golgi complex
- hx of nail infection and multiple endocrine dysfunctio organism most probably involves is----->Candida Albicans
- hormone increases salivation---->ACH
- PTH is normal in----> Osteopenia
- Diphtheria antitoxin ---->type 3 hypersensivity
- Selective Cox 2 inhibitors are---->Celecoxib
- Primary oocyte completes their 1st meiotic division---->Before ovulation
- Epicardium supplied by---->coronary arteries
- Greatest chance of pneumothorax while inserting CVP---->right subclain vein
- patient taking phenothiazine noticed slowing movement when removing fly from the nose. What is the cause ---->parkinsonism (intention tremors)
- Just After injury most important mechanism of hemostas is----> Vasoconstriction
- ❖ Just After Injury
 ❖ haematuria cystoscopy reveals tumor
- Adverse drug effects----> Variable
- 1st heart sound is---->in isovolumic ventric
- > True about mammary gland----- Has 15 to 20 lactiferous ducts
- Appendicular artery is branch of ----- iliocolic
- Thiazide diuretic causes----- hypokalemia
- S Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- erotonin is secreted by ----- carcinoid tumor
- Better hearing in noisy environment ----- otosclerosis
- Clavicle fracture, Cant rotate Arm laterally ----- Teres Minor
- > Loss of abduction at arm nerves involve -----axillary and suprascapular nerve
- Cervical carcinoma lymphatic drainage -----internal iliac lymph node
- > Defecation reflex is ----- rectoanal
- 20 year girl presented with proximal tibial swelling on Histology both epiphases and diaphasis were involved giant cells seen diagnosis -----giant cell tumor



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- in middle trimester pregnancy hematopoiesis occurs ------liver of fetus
- > structured lies superficial to sternocleidomastoid -----external jugular vein
- which muscle extends from femur having role in stability of knee joint -----vastus lateralis
- Bilateral ptosis and chewing problem . diagnosis----- myasthenia gravis
- proximal convoluted tubules epithelium ----- simple tall cuboidal epithelium, with a brush border
- > right kidney related to ----- second part of duodenum
- > a person from supine to standing position compensation ----- Increase Heart rate
- ➤ A 35 years old tall male has hypertension for the first time and he dies. His autopsy shows a ruptured aneurysm, there is deficiency of media at the site of rupture. what kind of aneurysm it is.----- aortic dissecting
- > near the base/ oval window ----- high-frequency or high-pitch sound heard
- Enzyme raised in biliary obstruction alkaline phosphate
- > Primary biliary cirrhosis investigation of choice----- anti mitochondrial antibodies
- Chief source of vitamin K green leafy vegetables
- > Treatment of warfarin overdose treatment ---- vitamin K
- > Selective beta blocker -------Atendol
- Cytomegalovirus infection can be prevented by ----- screening
- Vertebral artery give rise to ----- basilar artery

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- > anterior inferior cerebellar artery is branch of ------ basilar artery
- Child with recurrent infections which physiological antibody is missing------ IgA
- Hepatocellular carcinoma marker ------ AFP
- > Bone with no muscles are attached ----- talus
- Clavicle break at which part ----- middle 2/3 and lateral 1/3
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Brachial cleft cyst within lateral neck anterior to sternoeidomastoid muscle ------ 2nd cleft
- Location of pudendal nerve block ----- ischial spine
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- ➤ Heterophile antibody test is for -----infectious mononucleosis



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1	Most radiosensitive tumor lymph nodes
1	Conus medullaris site lower end of L1
A	Burkit lymphoma occurs due to c-myc translocation
A	Blood supply of Middle third of esophagus Descending thoracic aorta
A	melenoma normal reaches orbital cavity through Emissary vein
A	PAS positive is found in whipple disease
A	Thirst is activated by angiotensin II
>	chief area of anatomic system reflex hypothalamus
A	Drug of choice in meningitis ceftriaxone
>	Total peripheral resistance index mean arterial pressure
1	Chief site of prostate cancer posterior lobe
1	Prostate cancer metastasis by vertebral plexus
>	Anterior cruciate ligament while knee joint flexed prevents Ant. dislocation of tibia on
	femur
A	Heart blood flow is directly proportional to myocardial oxygen demand
1	
1	
1	Prohormones are stored in secretory granules or vesicles and transported along the neuronal
	axon from the cell body to the nerve endings neurohypophysis
1	Koplik spots are character measles
1	
A	Drug receptor interaction Bradycardia by labetalol
1	exogenous agent which cause alteration of protoncogene virus
>	in infants defecation after feed = gastrocolic reflex
A	Duchenne muscular dystrophy is inherited in an X-linked recessive pattern
>	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
1	conduction aphasia is thought to be caused by a lesion in arcuate fasciculus
>	Person had dec motivation or emotions and talks excessive but doesnt make sense, lesion
	Wernicke Temporal lobe
>	glucocorticoids cause decrease in Peripheral uptake of glucose
>	Lady has menstrual cycle of 29 days ovulation occur at which day 14 day
>	Delayed act of insulin protein synthesis
	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file Hyperkalemia caused by exercise



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>	Ventral tegmentum source of dopamine along with substentia nigta
>	Which is true regarding bronchopulmonary segmentSupplied by tertiary bronchiole
1	Phagocytosis is by neutrophils (macrophages was not an option)
>	Hyperplasia of lymphoid is byLeshmaniasis
1	3rd heart sound shows rushing of blood rapidly in ventricle filling
>	Cause of edema in known case of IHD and hypertensionIncrease hydrostatic
1	Stimulus of gastric acid secretion by proteins/amino acids
>	Breast implants after 2 yrs leakage of breast material breast feels heavy signs of acute
	inflammation cells present giant cells
1	Hydroxyindoleacetic is present in urine it is present in which disorder carcinoid tumor
>	type of necrosis in pancreatitis fat necrosis
1	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	
>	Abdominal angina occurs due toSuperior mesenteric artery
>	Most important t cells are helper t cells
>	Example of DNA virus adenovirus
>	Scenario of typhoid the investigation of choice will be widal test
>	Lymphatic drainage of anterior two third of tongue submandibular lymph node
1	Type of hemolysis in G6PD is acute self-limiting hemolysis
>	Dormant phase of Malaria is hypnozoites
1	Small short acting Beta blocker Resmolol
>	in a subclavian artery block at the outer border of first rib vessels help in maintaining the
	circulation to upper limp except Superior thoracic artery
>	Tabes dorsalis will result in atonic bladder
1	Histopathology report showing pleomorphism, rete ridges, loss of polarity and increased
	nuclear to cytoplasmic ratio what is the dx Verrucous CA
>	Stroke patient loss of motivation and depression lesion involve frontal lobe
>	64 data x collected for sme clinical trial based on presence r absence of vomiting type of data
	Nominal data
1	Sperm become partially motile in epididymis
>	Genotype of klinefelter syndrome Genotype 47 xxy
>	Gynecomastia, undeveloped testes, xxy klienfilters
1	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
1	Autoregulation of renal blood flow at what MEAN 80 - 120 mmhg



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active buffer in DKA patient ----- bicarbonate > penile errectile tissue receptors -----alpha adrenergic receptors Cervical cancer is caused by ------ HPV Regarding cimetidine----- inhibit hepatic enzyme What will increase in graves disease ----- t3 > Hydrocephalus results due to ----- Stenosis of aqueduct of Sylvia A boy had mucous and bloody stools what is the most likely cause ------ hamartomatous polyp Fracture of first rib will result in damage to ----- subclavian artery > Difference between primary contraction and secondary wound healing ------ wound contraction > abdomen moves during respiration after roadside accident the accessory respiratory muscle is -----external oblique > Examination of pregnant lady showed inverted ischial spines and narrow pubic arch. best term for this type of pelvis----- android pelvis Scenario of blurred vision tall height and importance most probable diagnosis -----acromegaly prolactinoma Cram Statements Inshligh 70 % paper will come from this file. DO not skip this file... Difference between cretinism and dawarfism ---- mental retardation gastrin (if not then use cck) intestinal motility is increased by --trypsinogen is activated by----pepsinogen is activated by ------ HCL > investigation of choice for cystic fibrosis ----- sweat chloride test > Subdural hemorrhage occurs due to ----- Superior cerebral vein Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > TSH acts by ----- cyclic amp Tumor suppressor gene ----- p53 > P53 -----increase cell survival Oxygen from alveoli to blood is by ----- passive diffusion > transmitted by food and water ----- vibrio cholerae Glycocalyx ----- type of carbohydrate coat Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > Grading shows ----- differentiation of cell



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-	Cushing syndrome may occur due to small Cell CA
>	lipoprotein that has highest cholesterol content LDL
A	Intervertebral joint is type of joint symphysis
>	Barrets esophagus is example of metaplasia
A	pain of peptic ulcer is carried by greater splanchnic nerves
1	Organism responsible for spore forming clostridia
1	organism for bladder cancer schistosoma haematobium
>	brachiocephalic is formed by union of internal jugular vein and subclavian vein
A	stereognosis ability to perceive the form of solid objects by touch
1	Crossed to fetus by placenta Thyroxin
A	Brown squad syndrome half vertebral damage result in contralateral pain and
	temperature lost
A	Nociceptors are responsible for withdrawal reflex
A	
A	Neurotransmitter at an atomic ganglia a c h
A	Rubro spinal tract responsible for tone in flexor muscles
A	Invasion is character of thyroid ca follicular carcinoma
>	Left posterior aortic sinus gives rise to the artery left coronary artery
A	Thyroglobulin is produced by follicular cells
A	Lymphatic supply of fundus of stomach celiac node
A	Portal triad is in hepatodudunal ligament of lesser omentum
A	joins anterior abdominal wall to liver falciform ligament
>	Thyroid is originated from foramen cecum
1	Exaggerated tendon jerks is character of upper motor neuron lesion
A	Scenario of alcoholic patient who is also smoker increased risk of sq cell carcinoma
>	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
A	Lipoprotein synthesized in liver are poured first in which structure space of diss
>	during meiosis abnormality may occur if one of the cell gets and extra chromosome instead of
	haploid numbers this condition is trisomy
>	chorea caused due to lesion of Corpus striatum
>	Patient with hypoxia, PO2 60mmhg, Hb 15, no history of poisoning or blood loss. Diagnosis
	hypoxic hypoxia
>	decrease GF for occurs due to decrease arterial blood pressure



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Total body water is calculated by ----- antipyrine

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A	Hand disinfectant is alcoholic chlorhexidine
A	Fracture of femur result in fat embolism
AA	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	Secreted by endothelium factor 8
>	Young female developed acute renal failure after postpartum hemorrhage.which part of
	kidney is most likely damaged PCT
A	Middle rectal artery is branch of internal iliac
A	Grade 4 encephalopathy occurs due to Paracetamol poisoning
>	smooth muscles have inner circular outer longitudinal fibers
A	Right ovarian vein drains into inferior Vena cava
1	Oxidases are present inperoxisomes
1	girl in from poor family frontal bossing, leg bowing, pectus excavatumVitamin D deficiency
>	Lambert Eaton syndrome is characteristic antibodies antibodies against calcium
	channels
A	maximum cross sectional area is of capillaries
A	Axon hillock arise b/w cell body and axon
>	Pre op anti emetic odansetron
>	which hormone will be in normal level during pregnancy GH
A	Blood pressure control is example of hegative feedback
>	After thyroidectomy the complication maybe hypocalcemic tetany
>	bronchopulmonary segments are drained by tertiary bronchus
>	anterior Tibial nerve damaged, muscle spared short head of biceps femoris
1	RBC cast in urine due to damage to glomeruli
A	Diagnostic test for amoebic abscess serology
	Female having severe hemorrhage and her blood group is AB Positive. Which of the following Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
A	blood group FFPs can be transfused AB NEGATIVE
1	at the end of exercise person will have increased glucagon and decrease insulin
A	Bells palsy is a feature of facial nerve
A	most common heart abnormality VSD
>	hypothalamus set point temperature higher then normal body temperature what will
	decrease sweating



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> strongest layer of gut is ----- submucosa > Triceps has nerves supply ----- radial nerve Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file... Senario having histopathology of epithelioid cell diagnosis with granuloma diagnosis is ----------- Tuberculosis Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > Which of the following types of drugs will have maximum oral bioavailability ------ Largely hydrophobic, yet soluble in aqueous solutions. > HIV confirmatory test ----- western bolt > Regarding pulmonary varix ----- opens into left atrium first line of drug of generalized tonic clonic seizures ----- topiramate (other options were not relevant) Unsaturated fatty acids are present in ---- soybean Diazepam causes profound hypotension when administered with ------ fentanyl Nasopharyngeal carcinoma ------ EBV Fungus that invade rhiosinusitis or cause thrombosis ---- mucormycosis Granuloma without case ous narcosis----- Sarcoidosis Most resistant organ to rejection transplant ----- kidney Neurosecretory hormone released from Most radiosensitive tumor - Ivmph nodes Secondary polycythemia ----- Inc. RBC mas greenish pus coming from operated wound organism ----- pseudomonas > Femoral hernia pass in thigh below ------ inguinal ligament In pheochromocytoma before Surgery ----- give alpha and beta blockers Donut shape cyst in diarrhea ----- Cryptococcus > Carbidopa is given with levodopa on which enzyme ------ inhibit decarboxylase > HLA b27 associated is -----ankylosing spondylitis ➤ Base of post triangle ----- medial 1/3 of clavicle Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... Bifurcation of common carotid artery at level of -----thyroid cartilage





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>	Accommodation loss occurs due to lesion in midbrain
1	Sensation through dorsal medial nuclus of thalamus
	anxiety
>	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	Lady has difficulty in coming downstairs and tilt head to left with Eye
	Upward while moving downstairs lesion is at Right Superior
	Oblique
1	Relation of phrenic nerve superficial to sclenus anterior
>	Fracture of surgical neck of humerus post circumflex
>	Dislocation of shoulder nerve damage axillary nerve
>	Tibial part of Sciatic nerve affected, flexion by Short head of
	bicep femoris
>	A sprained ankle resulting from excessive eversion. Most likely
	demonstrate that which structure is damaged Deltoid
	ligament
>	Pampaniform plexus is present in the linguinal canal
>	When a patient asked to raise his right leg above the ground, his left side
	of hip sinks down. Which muscles affected in sinking of
	right hip
>	Drug in Pancreatitis pain morphine/pethidine
>	Billiary colic drug hyocine
>	Blockage of SMA of guy result wet gangrene in
	intestines
1	Hyper excitability of neuron occurs due todecrease ca+
1	Asbestosis and tobacco cause bronchogenic carcinoma



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In Tyre factory worker, ca lung has diagnosed cause is
smoking
► Bladder ca cause aromatic amines
> Acetozolamide mechanism of action by increase H+
•
secreation and na-k excretion
► Gastropathy of diabetes which is drug of choice
metoclopramide
Control of the Contro
> TSH acts cAMP
> contralateral pain and temp loss is feature of brown
squad syndrome
> Cram Statements Inshllah 70% paper will come from this file. DO not skip this file
> Stylohyoid nerve supply ansa cervicalis
Stylonyold herve supply
> contralateral pain and temp loss is feature of brown
squad syndrome
➤ Blow to the temporal side result in
injury to the temple which artery is damagedMiddle meningeal
Artery
> sub dural hematoma occurs due to damage to superior
cerebral veins
> Tracheostomy of 45 year old adult level rings 3-4
gastric emptying inhibited by Cck
Decrease gastrin secretion is by Secretin
> Labyrinthine artery branch of basilar artery
➤ Botulinum toxin A and B act via SNAP 25



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>	Cerebral Metabolic Rate for Consumption of Oxygen is 15-20%
>	Moderate exercise will not affected splanchnic circulation
	(kidney brain was not in option)
>	Extreme exercise blood flow will decrease to the kidney (only relevant option)
>	hyperkalemia stimulate Renin
A	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	Heart rate is 225 BPM, PR interval is o.1 seconds
	Aids lymphoma causeEBV
	During treadmile test if heart rate is incresed to double then cardiac cycle
	time will be 0.4 sec
>	Digitalis toxicity increase in hyperkalemia
	deficiencies in patients with recurrent pyogenic infections IgA
>	Post spleenectomy most common organismStreptococcus pneumonia
	Epithelium of salivary glands stratified cuboidal duct
	Hydrops fetalis type of hypersensivity reaction type2
-	Cotrimoxazole was given to a patient 1 day after presents with cola color urine cause isG6PD deficiency
>	Cyclosporin MAO inhibits t cell differentiation
>	yellow urethral discharge feature of chlamydia
>	Fanconi anemia feature Glycosuria
A	Pleural effusion vasculitis oral ulcer progressing systemic sclerosis
>	abscess in the lung organism Staph aureus



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>	loss of vibration sense in lower limbs MCV 105 what is the cause
	Vit B12 defecency anemia
>	Type of anemia in acute blood loss Normocytic normochromic
>	41 Hemotocrit means 41% formed elements in blood is rbcs
>	regulation between po4 and ca is controlled by PTH
>	PG E3 F2 CAUSE vasodilation
>	Lymphocyte form blood enter in lymph node via subscapular
	efferent arteries
>	farm worker presented with ascitic. Ascitic fluid was hemorrhagic and
	contained malignant cell. Liver biopsy showed Angiosarcoma. The most
	probable cause is arsenic
>	Sand blasting has preumoconiosis silicosis
>	Endothelial injury inflammatory response first to involve Selectins
	Vit E is anti oxidant
1	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
	FCPS WOKLD
1	In intravascular hemolysis there will be decrease haptoglobin
	cancer features metastasis
>	Physiologic pulmonary shunt v/Q value below normal
	Scenario indicating Sheehans syndrome result inAdrenal cortex
	atrophy
>	Bronchial asthma feature fev1/frc <65%
>	Platelet aggregation is inhibited by Thromoboaxane a2
1	Alcholic Pregnant lady best test GGT



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>	In a pt e sympathetic stimulation whateffect will occur on his heart
	dec av nodal delay
>	Warfarin and hematoma in the thigh cause is protein c
	deficiency
>	Subclavian artery damage 1st rib damage
>	Heparin binds to anti thrombin 3
>	Herniated disc cause Dec. sensation compress spinal nerve
	and post root
>	Fine miniature movements by artist cortico spinal tract
	Scoliosis iscommon lumber deformity
>	Free nerve endings type c fibers
>	Anterior mediastinal mass with MG scenario antibodies are
	anti-acetylcholine receptor antibodies
>	Tumor suppressor genep53
>	Hutingtons disease is ——————————————————————————————————
1	Cushing triadIncrease BP increase intracranial pressure
	decrease heart rate
1	DNA transfer genetic material
>	red green color blindness due to Cones
>	5th month pregnant lady with thyrotoxicosis DOC Methimazole
1	ANS auto regulation is by hypothalamus
>	Gray matter has abundant protoplasmic astrocytes
>	Lead poisoning leads to peripheral neuronal demylination
1	During transport of CO2 in the blood, the amount of CO2 dissolved in the
	Plasma at 45mmHg is 2.7%



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1	Secretory phase of menstrual cycle is under effect of progesterone
>	Oxygen hb dissociation curve to the right decrease PH
>	Lactate high in septcemic shock
>	optic nerve fibers terminate inlateral geniculate body
1	Vital organs laid down by the end of 4th month
>	One was scenario of iron deficiency anemia
>	Webbed neck feature, genotype 45xo
>	Turner syndrome genotype 45xo
>	Myelenation starts in4th month
>	Right surface right ventricle
	Pancreatitis dec TAGs absorption
1	External obliqueassisted respiration
1	Mucinous secretion by glandsublingual
>	Lower lip drainage submental
>	Fat necrosis feature of pancreatitis
1	Alveoli and lobule development in breast by progesterone
	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	TB vaccine mediated by type 4/ cell
>	Propranolol not give to asthmatic patient
1	Best bioavaliblity Hydrophobic yet dissolved in aqueous solution
A	Ovarian cancer tumor marker ca 125
>	Fastest nerve fibers A alpha
>	Most common heart defect VSD
>	total body water measured by Antipyrin
>	ECF is different to ICF in Inorganic anions
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Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > Pan chewing results in ----- submucosal fibrosis Vagus parasympathetic ends at which part of intestine ----- two thirds of transverse colon Upper free intestine location ----- paracolic (poor recall) Conducting system lies in ----- subendicardium Outer most layer of nerve ----- epineurium Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... Transplant rejection cell involved ----- cytotoxic cells > sjogren syndrome specific test ----- Anti- SSB gastric carcinoma is due to H pylori Mother rh + father rh - what will happen ------ Nothing will ocur intervertebral foramina Spinal nerve arise from ----Diabetes type 2 patient has increase urinary frequency.. Cause of urination------Decrease reabsorption of glucose Heat loss depends upon ---total surface area Diffusion depends on -Carotid sinus pressure results in ----- decrease HR 2 chromatids parallel appears in ----- Prophase. Corpus luteum produces hormones ----- estrogen, inhibin, progesteron Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > Toxoid tethus used for ----- prophylaxis Hypokalemia ecg changes ----- prominent u wave Hyperemesis gravidarum results in ----- hypokalemia > Characteristics of nucleus ----- Euchromatin



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Onset of puberty is due to ----- pulsatile release of GnRH blood supply to posterior 1/3rd of interventricular septum ------ PDA (arise from RCA or LCX depending on dominancy of heart) Histology of macula densa ------ Large cells with prominent nuclei & scattered mitochondria in periphery > Partial cells release ----- intrinsic factor Side effects of antihyperlipidemias ----- Gl upset Shallow breathing effect on dead space -----doesnt change size Which Hormone increases Salivary secretion ------ VIP > left recurrent laryngeal nerve in relation to vagus nerve -----arch of aorta Parasympathetic effect ----> HTN is associated with ---- phenochromocytoma > HLA b27 ------ Ankylosing spondylitis > Patient has an accident and have blood lose during one hour what is the type of anemia on CBC ------Normocytic normochromic > Thyroid cartilage ------hyaline cartilage Vit E is ----- antioxidan > Feature of carcinoma----- metastasis > In Physiologic shunt v/q is ----- below normal In asthma ----- FEV1/FVC less than 65% Low dose aspirin prevent formation of ----- Thrombxane A2 Pregnant women given birth to a baby in village presented e bleeding gum pt and Aptt prolonged burr cells diagnosis ----- DIC During transport of CO2 in the blood, the amount of CO2 dissolved in the Plasma at 45mmHg is----- 2.7% > sympathetic activity on heart cause ------ increase diastolic SA node rate > Cause of death in RHD ----- Myocarditis



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Outer layer of a large nerve ----- Epineurium

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> myocardial oxygen demand increased by ------ increase contraction > Structure going perpendicular to SCM----- external jugular vein Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... Upper part of free intestine lies in ------ Infracolic gutter (sourcekenhub.com) Class 3 antiarrhythmic drug ----- Amiodarone Prosopagnosia occurs due to damage to ----- occipito temporal > Basla ganglia lesion results in ----- Involuntary movements. Patient with CRF & ear discharge doctor has advised drug in very low dose --------------- gentamycin (nephrotoxic) > After marathon race the athlete will have------ low insulin & high glucagon > Ranitidine is used instead of cimitidine because of ----- less cns toxicity Interaction b/w warfarin and cimetidine ----- Decreases hepatic clearance of warfarin Damage to wernicke area ------ meaningless talks Pregnant lady with raised bilirubin test to be done ----- GGT Hepatic encephalopathy appropriate test ----- Ammonia estimation Injury to the liver enzyme --> Patient of MI thrombolytics given reperfusion injury by ----- free radical AIDS patient with lymphoma what is the cause. Erythroblastosis fetalis type of HSR -----type 2 hypersensivity Digitalis toxicity can be caused by ----- potassium losing diuretics (hypomagnesemia, hypokalemia) A child e recurrent infection one of the IG level is decreased ------- IgA most common organism infecting after splenectomy ------ strep pneumonia > Stratified cuboidal epithelium are present in in ------ Lining duct of salivary gland Cotrimoxazole was given to a patient 1 day after presents with cola color urine cause Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > is-----G6PD deficiency Cyclosporin MOA ----- decrease T cell differentiation Yellow discharge from genitals ----- chlamydia



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- Fanconi anemia ----- Glycosuria
- Fanconi syndrome is a rare disorder of kidney tubule function that results in excess amounts of glucose, bicarbonate, phosphates (phosphorus salts), uric acid, potassium, and certain amino acids being excreted in the urine. ... Fanconi syndrome is unrelated to—and should not be confused with—Fanconi anemia.
- loss of vibration sense in lower limbs MCV 105 what is the cause.——Vit B12 defecency anemia.
- intrinsic factor are produced by------Parietal cells.
- > Acute intravascular hemolysis characteristic findings--------Dec haptoglobin
- Hematocrite of 41 means—————41% of the formed elements in the blood are RBC.
- Prostaglandin E2 F2 D2 effect ----- vasodilation
- Lymphocytes from blood enter lymph node by afferent sub capsularis sinus
- > type of pneumoconiosis in sand blaster and crusher is ------ silicosis
- ➤ ER extradural hematoma is diagnosed which one of the following artery is damaged -------Anterior branch of middle meningeal Artery.
- > Injury to the temple which artery is damaged------Middle meningeal Artery.
- Diagnosed as a case of subdural hematoma what is the cause------Leakage of superior cerebral vein.
- HLA B27 is associated with -----Ankylosing spondylitis.
- associated with HLA B27------Juvenile arthritis.



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- > loss of accommodation reflex CT brain will show lesion in ------Mid brain.
- > Dorsomedial nucleus of thalamus-----Anxiety.
- Lady has difficulty in coming downstairs and tilt head to left with Eye Upward while moving down stairs lesion is at----- Right superior oblique
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > tumor suppressor gene-----P53
- > sternohyoid muscle is supplied by ----- ansa cervicalis
- > Bifurcation of common carotid artery------ Upper border of thyroid cartilage.
- Pulsation of common carotid artery can be felt----- anterior border of the sternocleidomastoid muscle at the level of the superior border of the thyroid cartilage
- Posterior triangle Base is formed by ------ posterior border of the sternocleidomastoideus (else middle of the clavicle)
- Phrenic nerve passes Superficial to ----- scalenus anterior
- Axillary nerve is most commonly damaged ------ Dislocation of shoulder joint.
- damage to the neck of the humerus artery damage ----- Post. Circumflex humeral Artery.
- A patient presented with fractured 1st rib radial pulse is weak which artery is damaged-----Subclavian.
- > Pampaniform plexus is present in the Inguinal canal.
- Left sinking of pelvis damage to which structure----- R gluteus medius.
- > Pain killer for acute pancreatitis-----Pethidine/morphine
- Drug used with MAOI cause fatal excitation-----morphine/fentanyl
- Blockage of sup mesenteric artery gut ----- wet gangrene
- > Hyper excitability of nerve cause ----- decreased Ca+
- primary billiary scelerosis which test to be done ------ AMA
- > Heparin binds to ----- antithrombin 3
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...



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>	Herniated disc with decrease sensation compress spinal nerve and post
	root
>	Fine miniature movements by artist cortico spinal tract
>	Free nerve endings has fibers type c fibers
>	MG scenario antibodies are anti acetylcholine receptor antibodies
>	Huntingtons syndrome genetic variant autosomal dominant
1	Increase BP increase intracranial pressure decrease heart rate Cushing triad
>	transfer genetic material DNA
1	responsible for red green color blindnesscones
>	5th month pregnant lady with thyrotoxicosis drug of choice Methimazolo
>	ANS auto regulation center hypothalamus
>	Most abundant glial cells in gray matter protoplasmic astrocytes
A	Lead poisoning leads to peripheral neuronal demyelination
>	Pt with Webbed neck has genotype 45xo
1	Turner syndrome has genotype45xo
1	Myelination of nerve fiber of CNS in intrauterine life begins at 4 th month
>	Right surface of heart formed by right ventricle
1	Mucinous secretion is bysublingual glands
A	Lower lip drainage lymphatic drainage is the submental nodes Type of narcosis in pancreatitis the submental nodes
>	Type of narcosis in pancreatitis Fat necrosis
1	Alveoli and lobule development in breast by progesterone
1	Secretory phase of menstrual cycle is under effect of progesterone
A	Corpus luteum produces hormones estrogen, inhibin, progesteron
>	ECG findings in Hypokalemia prominent U wave
1	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file
>	Prophylaxis against tetnus Tetnus toxoid
>	onset of puberty is due to PULSATILE INC GnRH
1	blood supply to post 1/3rd of interventricular septum RCA
>	intrinsic factors are released by which cells parietal cells
1	If pt asked not to tell about his disease then Tell nothing to relatives
>	Common side effect of antihyperlipidemic drugs is GIT disturbances



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Shallow breathing effect on dead space ------ doesnt change Dead space > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > induce saliva production----- VIP Major finding in glycogen storage disease is----- Hepatomegaly and hypoglycemia > Parasympathetic ----- decrease HR Phenochromocytoma has feature ----- hypertension hormone inhibits gastric emptying ------ CCK Labyrinthine artery branch of ----- basilar or ACA Neurotoxin that selectively cleaves the synaptic protein SNAP-25 ------ botulinum a and b At heart rate of 75 ventricular systole is of 0.3 second. At HR of 225, systole timings --------- 0.1sec If the heart rate is doubled during exercise, then the cardiac cycle will complete in --------- 0.4s injury to anterior tibial nerve but he is stillable to do flexion on the knee because of -------- short head of biceps femoris Eversion injury which ligament is damaged ------ Deltoid ligament > Bladder ca cause ----- aromatic amines A patient with H pylori is most likely-to develop which CA.-----Gastric CA > history of smoking presented with painless hematuria diagnosed as CA bladder what is the cause .----Smoking. mass in the pelvis and CA ovary tumor marker was asked.-----CA125 Acetazolamide MOA------ H ion and k Na excertion. Hormone which always acts through CAMP is -----TSH Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... A patient with injury to the 7 cervical vertebra and hemi section of the cord findings will be---------Contralateral loss of pain and temp. 26 years old tracheostomy site-----C2/c3 The substance use to measure total body water is ------ Antipyrine > Oxygen consumption by brain-----3 4ml/100gm/min



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- Exercise decreases.----TPR
- > In exercise blood flow is maintained by ------Local metabolites.
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Hypersensivity of diphtheria----- type 3
- Arthus reactions (type III hypersensitivity reactions) are rarely reported after vaccination and can occur after tetanus toxoid–containing or diphtheria toxoid–containing vaccines. ... Arthus reactions are characterized by severe pain, swelling, induration, edema, hemorrhage, and occasionally by necrosis.
- Slow breathing reduce ----- dead space
- Slow and deep breathing is an integral part of Pranayama and it reduces dead space ventilation and renews air throughout the lung
- > Remnant of Gubernaculum testis -----scrotal ligament
- The scrotal ligament is actually the remnant of gubernaculum in a fetus. This ligament secures the testis to the most inferior portion of the scrotum, tethering it in place and limiting the degree to which the testis can move within the scrotum.
- A man working in a well-ventilated room started-sweating profusely. O/E BP was high, pulse tachycardiac at a room temperature of 26C. The most likely cause is ------ exercise
- Scar mark complication -- incisional hernia
- Child fall unable to pass urine injury to ----- urethra
- Daily requirement of protein---------1g per kg
- > Chailosis occurs in deficiency of riboflavin
- > Bleeding after circumcision, apt, aptt raised ----- factor 8 deficency
- > Hyper excitability of neuron ----- calcium deficiency
- ➤ Most abundant in gray matter ----- protoplasmic astrocytes
- > A young patient with GFR less than 50% and decreased urine output an increase in the levels of which of the following will be alarming------ cretinine/ K+
- > Thymus ----- extend from inferior border of thyroid to c4
- Parathroid blood supply ------ Inferior and superior thyroid artery absolutely right
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Slowly depolarizing pre-potential ----- SA node
- Investigation of choice in ankylosing spondylitis ----- MRI
- Graph of drug given orally having steep curve ----- increased potency
- > Potency ----- small dose greater effect



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- Left axis deviation on ECG in ----- Rt ventricular damage crisp and clear information to patient ----- according to his needs At myloid stage leukocytes are differentiated on the basis of ------ granular staining Best way to MEASURE GFR ----- INULIN Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file... > 41 % of HCT means ----- Formed cells of RBCs anterior interventricular and circumflex branches of -----Left cornory artery > Best way to add vitamins to diet add ----- vegetables Least % blood cells ----- basophils > Ace inhibitor ----- captopril In rigor mortis muscle rigidity is due to ----- decrease ATP Carcinogen asbestos ----- mesothelioma Management of Subarachnoid hemorrhage ----- nimodipine Subdural hematoma ----- superior cerebral vein Ace inhibitor ------ block angiotensin conversation suddenly dropped all the books this is because of -------------- Inverse stretch reflex 2 secondary ossification center ------- Hyperglycemia > Total parenteral nutrition side effect > Boy with sickle cell disease deeply joundiced hb 5.6 plt 260000 tlc 10000 ------ sequestration crises > B12 is absorbed in ----- ileum (def. in resection) Obesity, Inc ACTH ----- Cushing disease Major stress hormone ----- ACTH > stab wounds post triangle ----- muscle injured trapezius Muscle inferiorly related to hip joint ----- obturator externus Vibration loss and Pt standing normally with eyes open but fall to side when eye close lesion is
- > Colour Differentiation due to Red and Green ----- Protonopia
- > 30 yr old sore throat and fever, e week latent with history of travel. Generalized Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- lymphadenopathy polyclonal hyperplasia------ HIV seroconversion
- Epinephrine ----- dec. cutaneous blood flow

----- dorsal column



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>	Squamous cell carcinoma scenario larynx			
>	Number of vertebras33			
A	Corpus luteum produces which hormone that maintains the pregnancy in first trimester			
	progesterone			
>	3rd heart sound in normal young adult rapid ventricle filling			
>	virulence of organism is due to toxins			
1	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file			
>	Hiv +ve pt . Diagnosis western blot			
>	Alveoli and lobule development in breast by progesterone			
>	Blood culture for invective endocarditis diagnostics			
>	AMA test is for PBC			
A	Not given orally because of highly first pass effect, inactivation by liver			
	Benzylpenicillin			
>	cGmp as a second messenger in ANP			
1	aflatoxin cause liver hcc			
>	in CLD edema due to Dec. oncotic pressure			
>	osmolality is decreased dueto vasopressin			
>	Farmers Lung is due toGrain dust.			
>	Farmers lung with Granuloma, rhino sinusitus with medial erosion, calcification of lung			
	Aspergillosis			
>				
	saline			
>	Negative water clearance in SIADH			
A	Short term action of angiotensin 2 vasoconstriction			
A	Old man RTA , chances offat embolism			
1	low amplitude QRS complex OLD MI			
1	Most aggressive tumor melanoma			
>	Radiosensitive most Lymphoma/lymph nodes			
A	Ecg of Saw tooth seen in flutter			
>	Empty cells on biopsy fat cell			
>	I/V urography of 8 years old baby shows normal rt kidney but absence of shadow on left side.			
	Instead there is small shadow just above the bladder on left side condition is			
	pelvic kidney			
>	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file			





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>	What is the least important thing during first interaction with patient showing your
	authority
A	Umbilical veinshigh saturation of o2
A	Diagnostic criteria of cancer Invasion

- > Corpeus luteum secreted ------ Progesterone, estrogen and inhibin. (EPI)
- Randomized clinical trial (poor recall look for better options, probable answer explanation>)----------Randomized controlled trial (RCT) A study in which people are allocated at random (by chance alone) to receive one of several clinical interventions. One of these interventions is the standard of comparison or control. The control may be a standard practice, a placebo ("sugar pill"), or no intervention at all.
- cancer differentiation is by ----- Grading For staging is by ----- extent of invasion
- Aortic regurgitation murmur early diastolic murmur of aortic regurgitation is a soft, high-pitched, early diastolic decrescendo murmur heard best at the 3rd intercostal space on the left (Erbs point) on end expiration, with the patient sitting up and leaning forward. This murmur is termed the Austin-Flint murmur.
- A patient died on autopsy on vertical dissection lateral to sternum which artery will be seen just behind the sternum --- ascending aorta (if not then internal thorasic)
- > In pneumothorax ----- lung collapse inward and chest wall spring outward
- > Conversation of one normal epithelium into other normal epithelium ------ Metaplasia
- what is seen in dysplasia ----- pleomorphism
- 35 years old female presents with 6 month Hx of fingers turning pale in cold (Raynauds phenomenon) also having mild dyspnea with no wheeze, B/L pleural effusion, creatinine was high, urea also raised, ANA positive. What is the diagnosis ------ Progressive Systemic Scleroderma
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > P50 value in right shift ----- 35
- > Insulin cause ----- glucose entry into cell
- Digoxin toxicity ----- increased by hypokalemia
- A study in conducted to on rates on antibiotics of same effect produced by different pharmaceutical company and rate of different drugs are 1.5 1.8 2.0 2.5 3.0 9.0. Which measure of central tendency will be used ------- Weighted mean
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1	Pt is brought in state of shock bp unrecordable pulse thready .the negative feedback from			
	aortic and carotid to rise Pco2 in blood			
1	Thrombocytopenia after viral infection. the finding on bone marrow biopsy			
	inc megakaryocytes ITP			
1	lateral rotation of shoulder joint Teres minor			
>	UMN lesion clasp knife rigidity			
>	Patient presented in emergency deeply comatosed not responding to naloxone			
	Phenobarbital			
1	Rash on palm sole secondary syphilis			
>	Mumps parotid swelling and orchitis			
>	an HIV patient is at risk of developing cervical CA			
>	Saw tooth atrial flutter			
-	Prominent u wave hypokalemia			
1	Steep curve in dose response shows —————————More drug required for effect			
A	CML9 22			
A	BCG hypertensivity type4			
>	smelling stools investigationstool culture and sensitivity			
>	IE diagnosis blood culture			
>	In diabetic patient to increase git motility metoclopramide			
>				
>	Cremasteric reflex by genitofemoral nerve			
>	A neonate comes to Pediatrician easy bruising and jaundice mother taking antibiotics in			
	pregnancy which antibiotics will be deficient inVIT k			
1	A man working in a well-ventilated room started sweating profusely. O/E BP was high, pulse			
	tachycardia at a room temperature of 26C. The most likely cause is exercise			
>	Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file			
>	vomiting center Medulla			
>	veins of brain are Direct tributaries of dura			
1	Corticosteroids long term Use causes osteoporosis and bone fractures			
1	Traveller diarrheas not responding to antidiarrheal agentNorfloxacin			
>	Hco3 absorptionPCT plus CT			
>	Arterial blood in heparinized syringe			
1	Itching due to stimulation ofc fibres			
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- Responsible for chemotaxsis ----- C5a
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- After ovulation, primordial follicle ruptures, bleeds and becomes------ Corpus hemorrhagicus
- Regulating rate and pattern of respiration ----- Pneumotaxic centre
- During strenuous exercise ----- dec TPR
- > Temperature 101 with lymphadenopathy scenario ------ hiv seroconversion
- Captopril ----- Inhibits angiotensin 2
- > Hairy leukoplakia in HIV ----- EBV
- > Pacisian receptors are ----- rapidly adapting
- > Cutting finger wd sharp knife Immediately response----- vasoconstriction
- > Theta waves in eeg----- stage 1 of sleep
- Vein which travel with post interventricular artery----- middle cardic vein
- Core body temp to Skin -- Depends on core temp gradient
- > Both type of ossification occur in ---- Mandible
- Inherited cause of thrombosis ---- factor 5
- > Ileal resection ----- vit should be given is b12
- > Urachal fistula------Meckel diverticulum
- > Post triangle neck ----- Base by middle 3rd clavicle
- > Umblical veins ----- high saturation of o2
- What is the least important thing during first interaction with patient ----- showing your authority
- I/v urography of 8 years old boy shows normal right kidney but absence of shadow on left side Instead there is small shadow just above the bladder on left side ------ pelvic kidney
- > Histology of macula densa ----- basal lamina
- > Endocervix lined by stratified squamous epithelium. It is due---->Metaplasia
- **Eosinophils increase in which of thfollowing conditions---->Parasitic**
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Epicardium consists of----> Visceral layer of serous pericardium
- Epistaxis bleeding from the lateral wall of nose, artery involved is----> Sphenopalatine artery
- > Example of coronary circulation----> End to end anastomosis
- Excess mineralocorticoid in blood willhave---->Hypervolemia
- Exposure to nitroglycerine. Every Monday he complains of headache after returning from weekend. Cause is----> Tolerance (Monday disease)



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- Extra systole will cause---->Decrease pulse pressure because decrease stroke volume
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Extreme flexion of the neck causes damage to which ligament---->Ligamentum nuchae
- Extrinsic and intrinsic pathway of coagulation merge at---->Stuart factor
- Failure to thrive, recurrent sinusitis, otitis media .there is family history. Diagnostic test---->. Chloride sweat test
- Cause of a negativemantoux test in a TB ----> Immunosuppressive therapy
- Fluid that is given in primary dehydration, initially decrease ICF and increase ECF and increases total body water---->3% normal saline
- Investigation to differentiate nevus anemicus from segmental hypomelanosis----> Diascopy
- Is associated with new bone formation----> Osteoblast
- 20 yrs. With Pheochromocytoma useful drug would be----> Alpha 1 & beta blocker
- A boy ate cholay/chick pea/ burger from roadside develop hepatitis, which type---->Hepatitis A
- A bus moving in horizontal direction stopped suddenly, man will remain steadfast by---->Macula of the utricle
- A child has a laceration on lower lip. Best way to stop bleeding is by----->Compressing facial artery bilaterally at site of its origin
- A female has problem of concentrated urine kidney secrets hyper bczosmotic urine decrease water content in----> DCT
- A known CLD patient present with upper Gl bleed. Managementplan should be----> IV Octreotide
- A lady drowned in water. She was taken out and resuscitated, develops ARDS. Mechanism is----> Pulmonary interstitial edema
 A man develops right sided weakness in both upper and lower limb and slight deviation of
- angle of mouth to the left while talking. Lesion is in----> Internal capsule
- A man had MI and died after 6 days. Histological features show----> Macrophages
- A man with history of eating pan for the past several years presented to you with a lesion in the buccal cavity. Cause----> Submucosal fibrosis
- A naked person in a AC room with temp 21, humidity 80 percent. Heat loss will be through-----> Radiation and conduction
- A patient develops prolongation of PT and APTT with normal platelet count after administration of antibiotic. Treatment----> vit k
- A patient has chest pain from 4 hours which is radiating to his left arm.ECG shows ST elevation. Which cardiac enzyme will be raised----> trop I
- A patient having severe Aortic Regurgitation, type of murmur ---->Early diastolic murmur
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- A patient who had kidney transplantation develops cyanosis and organ failure within 10 minutes. Likely etiology----> Antibody mediated rejection
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- A pregnant lady presents with mitral stenosis. To prevent atrial fibrillation which treatment should be given---->IV heparin
- > A pt with Tenia Solium and Schistosoma infection. Drug ofchoice will be----->Praziquantel
- A trained athlete at rest has increased---->Stroke volume
- > A woman returning from Africa with worms in eye. Organism is----> Loa Loa
- A young boy developed fever, hypotension and erythematous patches all over trunk and limbs. Toxin involved is----> Erythrogenic toxin
- A young female with fever 101C, gum bleeding, petechiae and epistaxis.----> Bone marrow biopsy
- > About bone---->Appositional growth
- Acetaminophen undergoes ---->Glucuronidation
- Acute infection in baby by Eliza method; antibody will be present----> Ig M
- > AFP raised in----> Embryonal carcinoma
- After partial hepatic resection, which cells are responsible for regrowth----->Hepatic Derived Growth Factor
- > AIDS principally infects which ofthe following--->T4 lymphocytes
- Alcoholic and smoker pt presented with a lesion in oral cavity. Cause---->. Squamous cell Ca
- Alcoholic man with large empty defects seen in liver cells are----> Fats
- Alleles are---->Non identical genes at same locus
- Amino acid source of DNA---->Histidine
- Aneuploidy means----> Variation in chromosome number
- Anterior border of the lumber triangle is formed by-----> Posterior border of external oblique
- > Antibiotics present in saliva---->Erythromycin
- Anti-cancer cells are----> NK cells
- Antidote for Paracetamol toxicity is----> N-Acetyl cysteine
- Aphasia & Facial nerve palsy on same side. Artery is most likely blocked----> Middle cerebral artery
- Aplastic anemia is diagnosed on----> Both Bone marrow aspirate and trephine biopsy
- Approach for a seropositive AIDS infection is----> Test should be repeated by other methods to confirm
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- > Arachnoid granulations maximum drainage Into---->Superior Sagittal sinus
- Artery is likely to be damaged in close proximity of phrenic nerve----> Pericariophrenic artery
- Associated with HLA DR4----> Rheumatoid arthritis
- Autoimmune disease is specific to single organ ---->. Hashimotos
- Baby born at 34 weeks showing microcytic hypochromic anemia with 25% hematocrit with normal saturation. Should be given----> Erythropoietin plus formulary products containing iron



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- Basophilia of cell is due to----> RER
- Binuclear enlarged cells with granules. CD15 and CD30 positive. Diagnosis is----> Hodgkin lymphoma
- Binuclear enlarged cells with granules. CD15 and CD30 also positive. Diagnosis is---->Hodgkin lymphoma
- Bleeding from nose. Labs show PT 13s APTT 62s and bleeding time 7min. Diagnosis----> Intrinsic pathway defect
- Blocked by atropine----> Salivation
- ➢ Blood cells have ige receptors on their surface---->Mast cells
- Blood group with No agglutinins---->AB positive
- Blood stained CSF is caused by---->Subarachnoid hemorrhage
- Blood supply of scalp is from----> External carotid artery
- > Bone has 2 ossification centres----> Mandible
- BP 180/110, erythropoietin decreased creatinine raised, possible site of defect was asked----->Juxtaglomerular cells
- Byssinosis occurs in people workingin---->Textile industry (cotton)
- Can directly induce an antibody response without the involvement of helper T cells----> Bacterial lipopolysaccharide and flagellin
- Cardiac muscle cannot be tetanized due to----> Long refractory period
- Cardiac output of the right side of the heart is what percentage of the cardiac output of the left side of the heart----> 100%
- Cardiolipin receptor is present---->Mitochondria
- Cause Hyperkalemia---->Strenuous exercise
- > Cause of acquired thrombosis is ---- Anti-phospholipid antibody syndrome
- Cause of increase pulse pressure---->Increase Stroke volume
- Cause of Mutation of Proto-Oncogene is ---->Virus
- Causes decrease in physiological dead space---->Atelectasis
- Cell is primarily responsible for production of alkaline phosphatase----> Osteoblast
- Cells participate in the induration in Mantoux test----> t cells
- Cerebellum is connected to midbrain via----> Superior cerebellar peduncle
- Cerebellum is connected to midbrain via----> Superior cerebellar peduncle
- Change occurs in uterine fibroma during pregnancy---->. Red degeneration
- > Characteristic sign of penicillin allergy is---->Bronchospasm
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Child develops proteinuria of 3.5g/day. The mechanism for development of edema----->
 Decreased plasma colloid pressure
- Chorda tympani fibres carrying taste sensations are----> Special Visceral Afferent
- Clara cells are present in---->Terminal bronchiole
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- Climbing purkinje fibers come from----> Medulla
- Clotting factor deficiency that causes coagulation rather than bleeding----> Factor 5
- C-mvc gene disruption is associated with---->Burkitt lymphoma
- Co-factor in synthesis of co enzyme A----> Pantothenic acid
- Collapsing pulse water hammer Pulse is most commonly seen in;----> aortic regurgitation
- Common Dysplastic tissue----> Skin
- Complication of ileectomy----> Bile salts malabsorption
- Conditions cause hypoventilation---->COPD
- Connects the midbrain to cerebellum----> Superior cerebellar peduncle
- Containing ige receptors and dense basophilic granules with histamine are----> Basophils
- Continuous contraction without relaxation is----> Tetany
- Costal cartilage is----> Hyaline
- CXR shows diffuse interstitial and nodular shadowing. Cause---->Diffuse interstitial fibrosis
- CXR shows small nodule in the lungs. Raised ige s. Diagnosis is----> Invasive Aspergillosis
- Cystic swelling close to labia majora Swelling is most probably-----> Greater vestibular gland
- Cytokeratin indicates----> Carcinoma
- Cytokines elevate body temperature in fever by----> Prostaglandin stimulation
- Dec/shortest ventricular muscle fiber length in _____ Inc intra pericardial pressure
- Decrease FEV/FVC and decreased lung elastase, Cause of increased activity of neutrophil elastase---->Nicotine
- Decrease in bile leads to ----> Decrease micelle formation
- Decreases blood supply to brain----> Hyperbaric 02
- Delayed Cell mediated immunity require---->IL-12
 Derivative of Neural crest- is---->Dorsal root ganglia
- Diabetic gastroparesis. Best drug ---> Metoclopramide
- Diabetic patient with 500 RBS, suffering from and polyuria which is due to;---->Increased Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- glucose excretion by PCT
- Diabetic with abscess, resulting in loss of shoulder movement nerve involved----->Axillary
- Diagnostic of granuloma---->Epitheloid cells
- Died of metastatic adenocarcinoma. Colon showed hundreds of polyps The type of polyps is----->Adenomatous
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Diet contains mainly burgers. Blood picture shows macrocytic anemia, increase MCV. Deficiency----> Folic acid
- > Difference between plasma volume and interstitial fluid is---->. Protein



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- Diplopia, blurred vision and a pulsating mass on the right temporal side. ESR is raised. Cause ----->Giant cell arteritis
- Disorganized growth mass with mature tissue is known---->Hamartoma
- > DOC for hyperthyroidism will be in pregnancy---->Methimazole
- > DOC for severe Clostridium difficile infection is---->Vancomycin
- DOC for Trichomoniasis is----> Metronidazole
- ▶ DOC in obsessive compulsive neurosis is----> Clomipramine
- Drug absorbed through aqueous diffusion----> Diazepam
- Drug causes increase in heart rate when given in therapeutic dose----> Pethidine
- Drug causes Red-man syndrome ---->Vancomycin
- Drug increases chronotropic and ionotropic effect of the heart----> Glucagon
- Drug is used to prevent tachy-dysarrythmias in patient with Wolf Parkinson white syndrome-----> Droperidol
- Drug receptor----> Protein in nature
- During exercise increase, which occurs----> Increase stroke volume
- During lactation, ovulation is inhibited because of inhibition of gnrh by----> Prolactin
- Dysphagia, dysarthria, analgesia the moanaesthesia on ipsilateral side of face and ipsilateral Horner syndrome. Occlusion of artery produce these symptoms----> Posterior inferior cerebellar artery
- Earliest symptom of acute anoxic anoxia is----> Lassitude
- ECG changes in hypoglycemia----> Increase QT Interval
- ECG shows S1, Q3, T3. Appropriate test --> Gallium scan
- EEG of an anesthetized patient
 EEG waves in anesthetized patient
- Farmer lung disease due to----> Grain dust
- Farmer spraying in field became unconscious, also present----> Bilateral pinpoint pupil
- Fast pain is mediated by which fibres----> A delta
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Fat deposition of breast is the function of which hormone----> Estrogen
- Feature of dysplasia---->Loss of polarity and architecture
- Feature of Myelofibrosis is----> Tear rop cells
- Feature of Squamous Cell Ca is----> Epithelial nest of keratin
- Female with dry eye and dry mouth---->Sjogren syndrome
- Fever and enlarged Jugulo-digastric lymph node. Diagnosis is----> Palatine tonsil
- Fever malaise anemia weight loss for several week on examination spleenomegaly and splinter hemorrhage. Investigation help you diagnose the illness---->Blood culture
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Fibers of adrenal medulla----> Post ganglion sympathetic nerve
- First cry in neonates is necessary for----> Pulmonary function
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- First web space will be first drained by----> Infraclavicular lymph node
- Fisherman presented with swelling of gums and purpura. Vit deficency----> Vit C
- Following are effect of parasympathetic activity, except---->Inhibits secreting
- Following are effect of parasympathetic activity, except----> Inhibits secretin
- Food items has anticancer effect---->Orange
- Fracture of pelvic bone in RTA y cause of shock is----> Excessive blood loss
- Fragmented RBC in peripheral blood ----->anemia
- Function exclusive to liver----> Urea production
- Function of progesterone is----> Maintain endometrium thickness
- Gas gangrene is caused by organism---->Clostridium welchii
- Glucose are absorbed in PCT by---->Secondary active transport
- Glucose is released from the liverbetween meals through which process----> Glycogenolysis
- Growth factors at cell bring about its effects by working on receptors located at---->Cell Membrane
- Gummatous necrosis occurs in----> Syphilis
- H2 receptor blocker are of no benefit in----> duodenal ulcer
- H2 receptor blocker are of no use in---->Ulcer
- Has the most common association with urothelial cancer---->Bladder extrophy
- Heart in long standing hypertension----> Hypertrophy
- Hemoptysis and histology shows small cells clusters (morphology of neoplastic cells). Diagnosis----> Smoking
- Herring Breuer reflex is an increase in----> Duration of expi
 Hip joint is related to-----> Interiorly to obturator externus -> Duration of expiration
- Histological feature of Tuberculosis——>Caseous necrosis
- HIV disease monitoring done by----> CD4
- HLA matched bone marrow transplant now developed rash and diarrhea. What other findings----> Hyperbilirubinemia
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Hoarseness of voice. Left vocal cord paralysis Cause---->Left Recurrent laryngeal
- Hormone primarily uses cyclic amp as a secondary messenger---->TSH
- Hormoneexhibits a relation between weight and puberty---->Leptin
- Hx of fingers turning pale in cold ANA positive. What is diagnosis---->Progressive Systemic Scleroderma
- > Hx of forceps delivery.unable to abduct left shoulder loss of active flexion of left elbow and inability to supinate left arm. Most probable injury---->C5 C6
- Hyperkalemia compensation by kidney---->Alkalosis
- Hypoxic pulmonary vasoconstriction in alveoli through----> 02 sensitive K channel
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...



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- > If a foot is permanently dorsiflexedand everted. Which nerve is most likely damaged---->
- If CO2 production rate is kept constant and ventilation is reduced to one half, then----> pco2 double
- > Immediate effect of Local anesthesia on which fibers----> C-Fibers
- ➤ Immediate mediator of allergic reaction----> Histamine
- > Immunoglobulin is pentavalent----> igm
- Important function of endothelium in prevention of coagulation normally is the formation of ----> Prostacyclin (PGI2)
- In a healthy man, metabolic requirements exceed the blood circulation to deliver oxygen in---->Skeletal muscle
- ► In adults, secondary ossification center is present in----> Epiphysis
- In an epidemiological study of penile squamous intraepithelial neoplasia, most common association with -----> Phimosis
- In arsenic poisoning from where will you take the soil of graveyard---->Any side
- In dehydration, increase plasma concentration of all except---->ANP
- In primary dehydration, ECF becomes --->Hypertonic
- In small cell (oat cell) lung carcinoma which tumor marker is present----> ACTH
- In the aortic opening if the diaphragm is constricted, structure will be compressed along with aorta---->Thoracic duct and azygos vein
- > In the last trimester of pregnancy-estrogen and progesterone are produced by-----> Placenta
- In venous blood RBC have----> Increase Cl cone
- In Wilson disease, the most appropriate and useful investigation would be----> urinary copper excreation
- > Increase in arterial pressure with decreased TPR is due to---->Exercise
- Increase in FRC occurs if---->Elastic recoil vanishes
- Increase the Gastric motility----> Gastrin
- Increases the bronchial tone----> Morphine
- Inferior epigastric artery is a branch of----> External iliac artery
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Injury causing hyperextension of neck and damage to cervical cord is by----> LMN lesion of upper limb
- Intention tremors occur due to lesion in----> Cerebellum
- Intervertebral disc is a type ofjoint----> Symphysis
- Intracellular substance helps in wound healing----> Collagen
- Intracranial branch of facial nerve----> Nerve to stapedius
- Investigation for myasthenia graves is----> Anti-acetylchoiine receptor Ab
- Investigation that confirms HIV in adults---->Western blot
- Involved in mouth opening ---->Lateral pterygoid
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...



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- > Is a cause of edema in patient with heart failure----> Increase hydrostatic pressure
- Is a part of basal ganglia----> Caudate nucleus
- ➤ Is a part of basal ganglia---->Caudate nucleus
- ➤ Is an elongated airway with dense abundant alveoli---->Alveolar duct
- Is an important premalignant lesion leading to SCC----> Bowen disease
- Is most affected by action of beta 2 adrenergic---->Glycogenolysis
- Is most likely to be genetic cause of thromboembolism----> Homocystinuria
- Is not safe in pregnancy----> /
- Is the earliest sign of Vit A deficiency----> Conjunctival xerosis
- Karyotype of Klinefelter syndrome----> 47 XXY
- Keeping end diastolic length constant, how can the cardiac output be increased----->By increasing heart rate
- Labs shows PT normal, APTT raised BT raised. Diagnosis----> Von Willebrand disease
- Lateral aspect of the foot is supplied by nerves----> Sural nerve
- Layer of oral mucosa small salivary glands present in----> Lamina propria
- Least dilatable part is this----> Membranous part
- Leg fracture got cast. Dec muscle size is due to----->Temporary decrease of actin and myosin
- Leg gangrene, undergoes amputation. Presented with pain in the amputated leg. Shows haphazard growth of nerve fibres. Cause--->. Neuroma
- Lesion in extrapyramidal tract will show----> Clasp knife spasticity
- Lesion in Nucleus gracilis and cuneate will cause---->Astergonosis
- Lesion in optic chiasma causes---->Bitemporal hemianopia
- Lesion of the cerebellum———> Adiadochokinesia
 Lesser sac is situated between——> Stomach and pancreas
- Leucovorin is an antidote for----> Methotrexate
- Light reflex lost, accommodation present Where is the lesion----> Pretectum
- Liver is attached to lesser curvature of the stomach through----->Gastrohepatic ligament
- Lobar pneumonia leading to parapneumonic effusion. Seen in the pleural fluid----> Proteins more than 3.5gm
- Locally malignant tumor is---->Ameloblastoma
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Location of olfactory cortex is at----> Inferior temporal lobe
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Long term control of blood prossure is regulated by----->Renin angiotensin system
- Loss of all sensations bilaterally below lesion by----> Complete cord transection
- Loss of inversion of foot but able to evert. Muscles damaged----> Tibialis anterior and Tibialis posterior
- Loss of inversion of foot Muscles damaged are---->Tibialis anterior and Tibialis posterior
- Loss of light reflex but intact accommodation reflex. Problem in----> Pretectal area
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⇒⇒⇒⇒⇒⇒⇒⇒⇒⇒⇒⇒⇒Lost 2L water by sweating and replaced by 2L pure water. What will happen----> Decrease ICF osmolarity

- Low amplitude QRS complex is----> Old MI
- Low doses of aspirin reduce platelet aggregation and clot formation by inhibiting the production of----> Thromboxane A2
- LP done of a comatose pt as he had fever and neck rigidity. CSF showed increase lymphocytes while proteins and glucose normal. Diagnosis---->Viral meningitis
- Lymph flow decreased by increase of---->Hemorrhage
- Lymphadenopathy and Hepato-splenomegaly, anemia and fatigue. On Peripheral blood film unicellular structure can be seen The diagnosis is---->Kalazar
- Male internal genital structure typically develops from---->
- Male with jaundice, direct bilirubin 10, ALP 1000, ALT-72, GGT 337 diagnosis---->Extra hepatic Cholestasis
- Manifestation of autoimmune disease is----> Arthritis
- Marker of neural tube defects is----> AFP
- Max bioavailability of drug is via which route-----> Sublingual
 Mechanism of action of H2 inhibitor/cimetidine in a female pt who is going to undergo a Csec---->Decrease acidity and volume of acid secretion
- Mechanism of action of low dose heparin is----> Inhibition of activated factor 10
- Medullary thyroid----> Inc calcitonin
- Metabolic acidosis is due to---->Excessive use of carbonic anhydrase inhibitor
- Microscopic examination show prominent germinal centers in follicles with a diffuse polyclonal hyperplasia composed of lymphocytes, Cause----> Infectious mononucleosis
- Cram Statements Inshligh 70 % paper will come from this file. DO not skip this file...
- Middle meningeal artery is a branch of ---->94. Middle meningeal artery is a branch of
- Midline swelling no movement on protrusion of tongue. Most likely is----> Branchial cyst
- MOA of acetazolamide----> Decreases hydrogen secretion and increase excretion of Na and K
- Most common cause of subacute endocarditis is---->Staph Viridans
- Most common cause of venous thrombosis----> Prolonged immobilization
- Most common organism in ascitic tap is----> E coli
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Most common skin cancer associated with HIV is---->Kaposi sarcoma
- Mother with O-ve blood group----> Both anti-A, ar ti-B antibodies in her blood
- Motor apraxia, lesion in ---->Premotor cortex
- Muscle causing Hip extension without knee flexion---->
- Muscles of facial expressions with no bony origin or insertions is----> Risorius
- Muscles----> Aponeurosis is fibrous



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- Neck swelling anterior to sternocleidomastoid, CVP increase. Superficial vein likely compressing----> External jugular
- Negative free water loss occurs in----> SIADH
- Nerve supply to adrenal medulla is from---->Preganglionic greater splanchnic nerve
- > Nerve supply to adrenal medulla isfrom ----> Preganglionic greaters planchnic nerve
- Neuroendocrine response after surgery is due to----> Hemorrhage
- One standard deviation means----> Both side of mean in normal distribution curve
- Organ which removes 70-80% oxygen of its arterial supply at rest---->Heart
- Orofecal route of transmission----> Hep E
- Osmotic diuretics act on---->Left Gastric Vein
- > Oxv-haemoglobin shifts to right due to ---->Increase 2,3 DPG binding
- P value of a drug will be significant if it is less than---->0.05
- Papez circuit in the limbic system connects---->Fornix, mammillary body,thalamus and cingulate gyrus
- Paralysis of left leg and also inability to recognize objects. Most likely lesion in---->Anterior cerebral
- Parameters is decreased during moderate exercise ----> Total peripheral resistance (TPR)
- Parameters is decreased during moderate exercise----> Total peripheral resistance (TPR)
- > Patent lumen of Allantois form---->Urachal fistula
- Pathway that controls the conjugated head neck and eye movement----> Medial longtitudnal Fasciculus
- Patient has pericardial friction rub with deranged rfts --- Urea was increased creatinine was 8. Cause of pericarditis----> Fibrinous
- Patient presented with pain while chewing. The Muscle is also tender on palpation, muscle Cram Statements Inshllah 70% paper will come from this file. DO not skip this file...
- involved is----> Anterior fiber of temporalis
- > Patient with IDA was given iron supplements to monitor the response ---->Viral meningitis
- > Patients exposed to smoking vs. Other subjects that are not. Study ---->. Cohort
- PDA is a persistent part of ---->6th arch
- Peptic ulcer has epigastric pain, the referred visceral pain is mediated by---->. Greater splanchnic nerve /Vagus nerve
- Pericytes provide support to smooth muscle of which structure---->Blood vessels
- Peripheral blood findings is associated with lead poisoning----> Basophilic stippling
- Peripheral film shows atypical lymphocytes with binuclear enlarged cells with granules. CD15 Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- and CD30 also positive. Diagnosis is---->. Hogkin lymphoma
- Peripheral smear reveals normal T cell but low B cells. Serum iga 73, igg 300 and igm is 67. Likely diagnosis---->immunoeficiency



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- Phrenic nerve supply---->sensation in central part of diaphragm
- Physiological dead space decreases in---->Atelectasis
- Pia mater----> Extends into sulci and fissures of brain tissue
- Pin worm infection is caused by----> Egg ingestion
- Pleura ruptured in pneumothorax, ----> Inward lung collapse and outward chest wall spring

Podocytes are in visceral layer of Bowman Capsule----> Post 1/3 of interventricular septum is damaged. Artery involved is----> Right coronary artery

Post ganglion sympathetic fibers release ach on muscarinic receptors in tissue----> Pregnant women presented with hypertension. DOC will be----> Methyldopa

- Preload depends on---->End diastolic volume
- Primary amenorrhea, webbed neck, karyotype show----> 45X0
- Primary center of ossification at epiphysis of long bone at birth lies in----> Lower end of femur
- Primary peristalsis----> Esophageal sphincter relaxes ahead of primary peristalsis
- Primary/early mediator of acute inflammatory response in cut wound ---->Histamine
- Produced by the action of lipoxygenase on arachidonic acid, ---->Leukotriene 3&4
- Profuse bleeding from posterior wall of mastoid antrum. Source of bleeding-----> Sigmoid sinus
- Progressive difficulty in accommodating for seeing near. Cause is----->Stiffness of lens
- Propanalol decrease the cardiac output by acting on ---->. B1 receptor
- Property of Purkinje system contribute for its highest speed of conduction----> Increased diameter
- Property of Purkinje system contribute for its highest speed of conduction---->Large diameter
- Prostate carcinoma patients shows metastatic lesion in----> Osteoblast
- Proximal symmetrical muscle weakness, and Anti-Jo Antibodies were positive. Other feature is ----> Arthritis
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Proximalsymmetrical muscle weakness, Anti-Jo Antibodies were positive What other feature seen---->Arthritis
- > Pt had accident, BP less than 60.---->CNS ischemic response
- > Pt with 5cm opacity in left lower lung lobe, cause is----> Asbestosis
- Pt with respiratory depression not responding to Naloxone. Likely cause is----> Phenobarbitone
- Pt with septicemia, on ventilatory support. X-ray shows increased radio-opaque shadow. What is cause---->Diffuse alveolar edema
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Pt with SOB and pink fluid with no RBC and WBC in alveoli occurs in----> CCF



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- Pyruvate generated by glycolysis must enter the mitochondria to be oxidized as----> Pyruvate dehydrogenase isa mitochondrial enzyme
- Raised in MI in first hour----> Myoglobin
- Receive sub capsular afferent supply ---->Lymph node/lymphoma
- Referred pain from the appendix will be in----> Umbilicus
- Regarding cardiac muscle----> Supplie by autonomic nervous system
- Regarding collagen fibres----> Lightly stain with eosin
- Regarding Hypersplenism----> Platelet count returns to normal after splenectomy
- Regarding Hypersplenism----> Platelet count returns to normal after splenectomy
- Regarding metaplasia, which is incorrect---->Can be reversed with Vit C
- Regarding multi-unit smooth muscle----> Tonic contractions
- Regarding newborn---->C shaped vertebral column
- Regarding pia mater----> Extends into sulci and fissures of brain tissue
- Regarding RBC function----> Use glycolytic enzyme to form alcohol from sugar
- Regarding Skeletal muscle, which is correct----> Innervated by somatic nervous system
- Regarding smooth muscle fibers, which is most appropriate----> Mononucleated
- Regarding the 02 affinity for hemoglobin, which is correct----> Decrease with increasing C02.
- Regarding Vit D3----> Animal origin
- Regarding Warmth receptors----> Long-Receptive Field
- Relation anterior to hilum of the right kidney is---->Second part of duodenum
- Relation of Facial nerve after emerging from Stylomastoid foramen and approaching parotid gland---->Lies posterior to parotid
- Renal function is best estimated clinically by——> Ser
 Renal transplantation, most significant test HISHLA -> Serum creatinine
- Rickets is caused due to deficiency of sylind
- Right shift of Oxy-Hb Curve occurs in----> Increase CO2
- Role of giving somatostatin in pancreatic fistula---->Decreases secretion
- Runner started sweating profusely and complained confusion, cause----> Heat exhaustion
- Selective proteinuria occurs in----> Minimal change disease
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Sensitive test tor SLE is----> ANA
- Serous cells are---->The nuclei are pushed to base
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Severe burn develops edema of whole body and blood oozing from capillaries in skin. Cause of edema is----> Albumin deficiency
- Shift the Hb 02 curve to the right----> Increase H+
- ➤ Shift to left of the hemoglobin 02 curve is due to---->Haldane effect
- Short left leg rotated laterally. Cause is----> Femur neck fracture
- Short left leg rotated laterally. Cause is---->. Femur neck fracture



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- Side effect of histamine H1 antagonists is----> Sedation
- Signs and symptoms of Clostridium botulinum is----> Flaccid paralysis of respiratory muscles
- Site of intrinsic factor secretion---->parietal cells
- Smooth muscles----> Has layers of circular and longitudinal muscle
- Sore throat. Received antibiotic, resolved it, following 2 weeks, later developed generalized body Edema, cause----> Acute post streptococcal glomerulonephritis
- Spinal nerves----> Exit from intervertebral foramen
- Splitting of S2 is caused by----> Delayed closure of pulmonic
- Staph aureus is checked by----> Coagulase positive
- Stones in duct are found. The gland regress due to----> Apoptosis
- Stratified columnar epithelium is present in---->Ducts of large salivary gland
- Structure is continuous with internal spermatic fascia----> Fascia transversalis
- Structure lies anterior to thoracic part of trachea----> Aortic arch
- Structure pass through the posterior diaphragmatic opening---->Esophagus and vagus
- Structure projecting from renal cortex in between renal pyramids is----->Renal column
- Structures passes near ligamentum arteriosum--->Left recurrent laryngeal
- Sub mandibular salivary gland surgery, nerve injured----> Marginal mandibular branch of facial nerve
- Superior pancraticoduodenal artery branch of ----> Gastroduodenal
- Superior rectal artery is a branch of----> Inferior mesenteric artery
- Systemic factor is responsible for poor wound healing----> Diabetes
- > Tapeworm infestation. DOC will be---->Praziquantel
- Tenia Solium and Schistosoma infection. Drug ofchoice will be-----> Praziquantel
 Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
 Test for infectious mononucleosis ----> Paul-Bunnell test
- Test Is used to differentiate between the types of . Jaundice----> GGT
- Testicular mass with mature cells and all 3 germ layers ---->Teratoma
- > Testicular swelling. Labs show increased LDH. Diagnosis---->seminoma
- The abgs of a pt in ICU are as follows. Ph. 7.2, pco2 60, HCO3 25. Diagnosis---->Acute respiratory acidosis
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- The ability of the kidney to excrete a concentrated urine will increase if---->The rate of blood flow through the medulla decreases
- The basic metabolic function of insulin at cellular level is---->Entry of glucose in cells
- The beneficial effects if aspirin occurs via---->COX inhibition
- > The duodenum secretes hormones which DONOT cause---->Increased production of bile from the liver
- The extracellular matrix and the cytoskeleton communicate across the cell membrane through---->Integrin
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- > The infection is highly transmissible----> hbsag +ve and hbeag +ve
- ➤ The initial DOC treatment of influenza virus is----> Oseltamivir
- The major difference between cardiac and smooth muscle is---->Nature of contractile protein
- > The mechanism of metastasis is----> Loss of E-cadherin
- The most abundant type of cell in Islets of Langerhans are---->Beta
- > The most common site of spinal anesthesia is----> Subarachnoid
- The most important factor for the repair of vascular endothelium is produced by----> Platelets
- > The most important feature of terminal ileum resection is---->Steatorrhea
- The most suitable donor for her will be----> Identical twin
- > The point to point discrete movement of a painter are controlled by----->Corticospinal tract
- The replacement of dead cells cannot occurs by regeneration in tissues composed of---->
 Permanent cells
- The roof of the anterior horn of the lateral ventricle is formed by-----> Body of corpus callosum
- > The taste sensation carried to cortex passes through---->Thalamus
- The term Diapedesis is related to ----> Leukocyte migration
- > The two veins running parallel with brachial artery in the arm are---->Vena comitantes
- The venous po2 will be close to 70mmhg in which condition----> Left to right shunt
- Therapeutic index of drug indicates——> Safety
- There is greatest chance of pneumothorax-formation while inserting CVP via which route---Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > -> Right subclavian
- Thirst center stimulated by activation of -----> Angiotensin 2
- > Thoracic duct drain into----> Junction of left subclavian and internal jugular vein
- Thyroid gland is enclosed in ----> Pretracheal fascia
- To check the status of Vit A in acommunity, the most cost effective method of assessing is----> >Dietary observation
- Tributaries will dilate as a result of lung tumor compressing azygous vein---->Right ascending lumbar and subcostal
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > True about fat embolism---->Symptoms after 12 hrs
- > True about normal adult hemoglobincontains----> hba2 3%
- True about REM sleep----> Night mares
- > True about REM sleep is---->Night mares
- Tumor marker for CA colon is---->CEA
- > Types of drugs will have maximum oral bioavailability----> Largely hydrophobic, yet soluble in aqueous solutions
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- > Types of pelvis in males---->Android
- Unable to thrive withrespiratory infection. Best Test----> Sweat chlorice test
- Urinary incontinence. DOC is----> Oxybutynin
- Vector for transmission of Lyme disease---->lxodes tick
- Viruses is associated with human cervical cancer---->HPV 16
- Vit D3----> Animal origin
- Vit K dependent factors are----> Factor 2, 7, 9,10
- Wart lesion on vulva, cause----> Condyloma accuminata
- What Decreases in hyperthyroidism---->Weight
- What is meant by professionalism of a doctor----> Politeness and good bedside manners
- What prevents complications in procedure---->Remain within the limits of professional competence
- What type of Necrosis seen in heart---->Coagulative necrosis
- Which is a premalignant lesion which leads to SCC and needs EXCISION-----> Actinic keratosis
- Which part of limbic system is involved in emotions---->Cingulate gyrus
- Will help in diagnosis COPD----> V/Q mismatch 0.1
- Will increase 02 requirement of Heart----> Inc myocardial contractility
- Raised in MI initially----> Myoglobin
- % of dietary fat in a balanced diet ---->25-30%
- % of hba2 is adult is---->0.03
- % of water intracellular---->30-40%
- > . Blood supply to the upper 1/3 of the esophagus is from----> Inferior thyroid artery
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- CBC picture shows presence of atypical lymphocytes. Important test in this setting is---->
 Monospot test
- > . Doesnt cross placenta----> igm
- > . Hip joint is ---->Interiorly to oburator externus
- > . If the clearance of a substance is greater than inulin, then ---->It is filtered and Secreted
- Lyme disease is caused by----->Spirochete
- Post-op wound causes---->Pseudomonas
- > . Preload depends on---->End diastolic volume
- Intravascular hemolysis is diagnosed ---->decrease haptoglobin
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- In primary dehydration, what occurs---->Hypertonic ECF
- In von Willebrand disease, the best treatment option is----> Cryoprecipitate
- 1% of 02 used by brain at rest is----> 20%
- > 104 fever for last 4 days. Cola-colored urine for the last one day, lfts deranged with increased unconjugated bilirubin and gives history of using antimalarial. Diagnosis---->G6PD



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- > 15 days after thyroidectomy had done, presented with spasm complain. Cause ----->
 Hypocalcemic tetany
- > 152. A postmenopausalwoman is on HRT complication risk----->Thromboembolism
- > 18. Toll like receptors associated with ---->Innate immunity
- > 18th day endometrium in which phase----> Secretory
- > 3f0 and 4m ventricles are connected through----->Aqueduct of Sylvius
- 3rd degree block occurs due to----> AV node block
- > 3rd heart sound is produced due to----> Rapid ventricular filling.
- 4(1 Acrosome in spermatid is formed by----> Golgi bodies
- > 40-60% of genetic defect are---->. Multifactorial
- 5-HIAA is increased in---->Carcinoid syndrome
- > 60% of SA node is supplied by----> RCA
- > 60-year old patient with meningitis. The causative agent in him is----> Strep pneumonia
- > 72-year diabetic female with BP 160/90. First line drug ----> Lisinopril
- > 80% 02 is present in which part of the fetal circulation----> Umbilical vein
- 80% oxygen saturation is in ——>Umbilical vein
- A 5-week pregnant lady contracted German measles. Complication in baby likely to occur---- Congenital cataract
- A boy epistaxis with PT 13ARTT 62 sec and BT 7 min. Defect---->Intrinsic pathway
- > A boy running, suddenly fell & ded. On postpartum aneurysm is present in coronary vessel.

 Cause----> Kawasaki disease
- A child is born with cataract would have affected his mother during pregnancy----->Rubella
- A chronic smokerat a tire factor diagnosed as bladder Ca. Cause of carcinoma in him---->Smoking
- > A CLD with hematemesis. The preferred immediate treatment is ---->. Inj Octreotide
- A diabetic lady wants to lose weight. Drug suitable---->Metformin
- A factor which is precursor to the carrier of 1-carbon fragments at various levels of oxidation---->Biotin
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- A female patient wearing revealing cloths starts talking in a seductive tone. Physician do next---->Call the nurse
- A female with history of MI 5 years back was started on ACE inhibitor.---->Decease angiotensin 2, decrease arterial pressure and decrease TPR

A female with primary amenorrhea, absent secondary sexual characteristics. Karyotype show----> A fisher man presented with lethargy/ loss of touch sensation on both feet his CBC 6.5 MCV 142 Plt 130 WBC 3.4. Most likely parasite is----> Diphyllobothrium latum

- A lady came with dysphagia to liquids only biopsy revealed normal histology. Diagnosis is-----
 - > Loss of neuromuscular coordination



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- A lady had labor at home in village. Her PT & APTT were prolonged. Most likely cause is---->
- A large tumor in posterior mediastinum will compress structures---->Descending Thoracic
- A mother with blood group O has a baby with AB. What test can be done to confirm he rbaby---->Pheno-Bombay typing
- A patient died of ischemic stroke. On autopsy of brain, ----> Liquefactive necrosis
- A patient has chest pain from 4 hours. Cardiacenzyme raised----> Troponin I
- A patient present with headache, fever and vomiting was diagnosed as meningitis. CSF result Cryptococcus. DOC is----> Amphotericin B
- A person complains of dyspnea upon lying. Diagnosis ---->Retrosternal goiter
- A person has lost blood. He has decreased GFR and urinary output. The part of renal tubules most involved in bringing backthe GFR and urinary output to the normal is----> Distal convoluted tubules
- A person unable to stand from sitting position. Injury at ---->Gluteus maximus
- A pharmaceutical company offer a trip to foreign country with family, and says there is a discussion panel about their new product. Physician do----> Refuse politely
- A plastic factory worker risk of cancer----> Bladder Ca
- A pregnant lady with lower abdominal pain. On ultrasound, the placenta is attached to myometrium but does not penetrate through it This is most likely----> Placenta accreta
- A pregnant on 5th month, anti-thyroid drug should be given---->Methimazole
- A pregnant woman painful swelling in the right leg. Cause----> DVT
- 6 hours after blood transfusion. Post mortem ----> Bile pigments in basal ganglia
- A small filarial worm noticed in the swollen eye of pt with rash. The organism involved is-----
- A student inserted needle in thoracic cavity for pleural tap at lower margin Of rib which will most likely be damage---->Nerve
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- A tall man performing in circus develops sudden excruciating tearing chest pain and lens dislocation. O/E BP 90/40 and heart rate 130. The cause of chest pain is---->. Dissecting aortic aneurysm
- A young athlete has difficulty in flexion of knee and hip. Muscles is likely paralyzed----> Sartorius
- A young boy had fracture osseous tissue. After some months he presents with a mass containing hemorrhage. This is most likely---->Metaplasia
- A young male has azospermia. Initial investigation----> FSH and LH level
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- A young woman with goiter, cold intolerance, weight gain was diagnosed as Hashimoto thyroiditis. Test should be done for confirmation----->Antimicrosomal and anti- thyroglobulin antibodies
- > Abdominal angina is caused due to ---->Superior mesenteric artery
- Abdominal bloating and foul smelling stools. Investigation----> Stool DR
- Abdominal pain, Nausea and vomiting and diarrhea afterfew hours of dinner . Agent ----->Staph aureus
- > ABG sample is taken from----> Arterial blood in heparinize syringe
- Abgs of a patient shows ph 7.32, pco2 55, HCO3 24. Diagnosis is---->Respiratory acidosis without renal compensation
- ➤ Abnormal finding in CSF----> 500mg/l protein
- Abnormal metabolism of which amino acid results in formation of stone as an end product--- -> Lysine
- Abnormal shaped RBC associated with occlusion of vessel occurs in---->. Sickle cell Anemia
- About platelet count 1200----> Essential thrombocythemia
- Absence of molecule causes the loss of anti-tumor activity of immunity ---->MHC 1
- > Absorbed to maximum from PCT-----> Glucose
- Abundant mucinous glands with few serous glands and also few ducts were seen. The gland is ----->Submandibular
- Access the compliance of patient therapy---->Patient perception of severity of disease and effects after i iot using the drug
- Accessary right hepatic artery arises from——> Superior mesenteric artery
- ACE inhibitor to controll bp result in decreased blood supply to brain Cause----> Decrease sympathetic
- Acetazolamide (Diamox) action ---->increases Na/K excretion
- Acrosome are formed by---->Golgi body
- Acrosome in spermatid is formed by---->Golgi bodies
- Activation of apoptosis occurs when ----> Caspases activated
- Active thyroid hormones in the circulation are ---->Triiodothyronine
- Activity of Na-K atpase pump is enhanced by----> Insulin
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Acute hemorrhage, effect on blood supply of kidney----> Decrease blood flow from medulla to cortex per gram size of kidney
- Acute increase in pulse pressure is due to ---->Increased stroke volume
- Acute Pulmonary congestion due to mitral stenosis. In alveoli----->Macrophages
- Adrenal medulla is derived from ---->Neural crest
- Adrenaline causes vasoconstriction through ---->Alpha 1 adrenergic receptors
- > Adverse effect of Chlorpromazine ----> Dystonic movement



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- After analgesic overdose presents with hyperventilation and metabolic acidosis Toxicity of----->Salicylate
- After antimalarial drug complaints of cola coloured urine. Cause---->. G6P
- After chemotherapy, the tumor size regresses by----->Apoptosis
- After dehydration, in which part of nephron the most hypotonic urine will be present----->DCT
- After hypothalamus secretions inhibition, which harmone increase---->Prolactin
- After removal of cast, the limb muscles were atrophied. Due to---->decrease actin an myosin protein synthesis
- After RTA in ER in a state of shock with no drug working. What drug should be given----> Nor-Epinephrine
- Albumin does not get freely filtered in glomeruli due to----> Negative charge of particle
- Aldosterone chiefly acts on----> Collecting tubules
- All are Tumor suppressor gene except ---->BCL 2
- Alpha blocker in hypertension---> Doxazosin
- Alveolar hyperventilation alkalosis cause is----> Dec arterial CO2
- Alveolar hyperventilation alkalosis result in---->Dec arterial CO2

Amenorrhea during lactation. Cause is-----> Amoebic liver abscess investigation-----> Serology

- Amyloidosis most commonly affects which organ----> Kiney
- An example of Type 3 hypersensitivity is---->Farmer lung
- An HIV positive patient asks if his disease will progress to symptomatic stage. Test most useful----> CD4 lymphocyte count
- Anaphylactic shock differs from hypovolemic shock by-----> Increase cardiac output
 Anemia, failure to thrive, weakness & family history of transfusion. Labs showed Hb 6, MCV 55, microcytic hypochromic anemia, investigation ---> Hb electrophoresis
- Anterior 2/3 taste sensation of tongue are supplied by ---->Facial
- Anterior 2/3rd of taste sensation is via chorda tympani fibres of facial nerve. Type of fibers ----->Special Visceral Afferent
- Anterior dislocation of femure on tibia ligamentis damaged----->Posterior cruciate
- Anterior intercostal arteries are branches of----> Internal thoracic artery
- Anterior lobe of her pituitary gland surgically removed. Results in----> Absence of menses
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Anterior pituitary lobe surgery done, first lost----> Menstruation
- Anterior surface of heart formed by---->Right ventricle
- Anterior surface of heart formed by----> Right ventricle
- Anti TB drug is bacteriostatic----> Ethambutol
- Anti TB drug is bacteriostatic---->Ethambutol
- Antibodies against calcium channels occur in---->Lambert Eaton syndrome
- Antibody produced first against ainfection, not cross the placenta----> IGM
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- Antidepressant safe in liver disease is---->Fluoxetine chloride
- ➤ Antidote of warfarin toxicity is----> Vit K
- Antinuclear antibodies may be found in conditions----> Systemic lupus rheumatic fever
- > Anti-psychotics complains of a dry mouth, constipation, blurred vision, urinary retention and feeling tired. Drug responsible---->Chlorpromaz ne
- Anti-Tumor immunity---->NK cell
- Aortic receptors bring BP to normal due to----> Increase pco2 in arterial blood
- Aortic regurgitation murmur is best heard at ---->3rd (erb point)
- > AP of stimulating nerve trunk (depolarization) is----> Compound action potential
- Apex of the heart is supplied by----> RCA Marginal artery
- > Appendicular artery is a branch of----> Ileocolic
- Appendicular artery is terminal branch of----> Ileocolic artery
- Artery in circle of Willis is----> Posterior communicating artery
- Artery behind the sternum---->Internal thoracic artery
- Articular cartilage most commonly in---->Ends covered synovial joints
- > Asprin reduce fever by----> Decrease production of Prostaglandin
- Associated with new bone formation----> Osteoblast
- AST and ALT requires which co factor----> Vit B6
- > Astest nerve conduction occurs in ----> A Alpha
- > Asthma and seasonal rhinitis decrease these symptoms---->Mast cell stabilizer
- Asthma involves which part of the tract ---->Medium size bronchioles
- Asthmatic comes to ER with dyspnea respiratory rate 30----> Hysterical hyperventilation
- At Mc Burneys point during appendectomy, the structure damaged is---->lliohypogastric Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- nerve
- At sea level, PCO2 21, PO2 87, Bicarb 18.3 and ph 7.32. Diagnosis----> Partially compensated metabolic acidosis
- > At the Apex of lung, ---->high V/Q
- At the Apex of lung, high----> V/Q
- > Atrial fibrillation, Initial treatment ----> Amioarone
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- ATT for 2 months presented with moderately elevated ESR. Cause----> Superimposed bacterial infection
- Autoantibody for SLE is---->ANA
- Autoimmune pancreatitis is due to----> Ig G
- Autoimmune pancreatitis occurs due to----> igg
- Autopsy dilated heart, pericardial effusion and lymphocytes and necrosis. Cause is----> Coxsackie Ft
- Autosomal dominant disorder----> Hereditary spherocytosis
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- Autosomal dominant disorder----> Adenomatous polyposis
- Avulsion of phrenic nerve at its origin causes---->Loss of sensation in central part of diaphragm
- > Azoospermia. Investigation of choice is----> Serum FSH + LH
- > Azoospermia. Investigation of choice is---->Serum FSH + LH
- Baby born with Erythroblastosis fetalis, her blood group is A+, exchange transfusion with----> A-
- > Baby delivered in village. After which her gums started bleeding. Diagnosis----> DIC
- Baby for circumcision with family history of bleeding profusely after circumcision. The most significant blood tests---->Increased APTT
- > Balance between phosphorus and calcium is regulated by---->PTH
- Banana shaped gametocyte were seen in the peripheral blood smear. Organism----> Plasmoium falciparum
- > Basic mechanism involved in aqueous humor production---->Active sodium secretion
- Basophilia of erythrocytes is due to---->Ribosomes
- Beriberi is caused due to deficiency of----> Thiamine
- > Bernard-Soulier syndrome---->Platelets dont bind with ristocetin
- > Best Biomarker heart of ischemic heart disease with renal disease. ----> Troponin I
- Best for Study of a drug can be done by ----> Plasma half-life
- > Best investigation to diagnose leprosy in early stage is---->Nasal scrapping for culture
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- Best marker of MI is----> trop I
- > Best way to avoid complication of intervention is To remain within competency level
- > Beta adrenergic stimulation causes----> Glycogenolysis
- ➢ Beta-HCG preserve---->Corpus luteum
- > Bilateral hilar lymphadenopathy. Biopsy granuloma with granulomatous necrosis . Diagnosis is----> Sarcoidosis
- Bile duct obstruction in pregnancy. Investigation ----> GGT
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Bitemporal hemianopia. Lesion is at----> Optic chiasma
- Black necrotic eschar in the nasal cavity in a patient with diabetes. Cause---->. Mucormycosis
- Blockage of thoracic duct causes----> Chylopericardium
- Blood is warmed up to 37 degrees before massive transfusion ----> To avoid reaction
- > Blood sample shows eosinophilia (hyper ige), Diagnosis---->Jobs synrome
- Blood shows clusters of gram +ve cocci. DOC for this organism is----> Vancomycin
- Blood supply of spinal cord is by---->Spinal artery
- ➢ Blood supply to the upper 1/3 of the esophagus is ---->Inferior thyroid artery



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- Blood urea, nitrogen S. Electrolytes and rfts were normal. Hb 18 and serum Ca 11.---->Renal cell carcinoma
- Bony landmark for pudendal nerve block is----> Ischial spine
- Brachial plexus has branches that supply the extensor muscles of the arm----> Posterior cord
- > Brachiocephalic vein is formed by ----->Subclavian and internal jugular vein
- Branch of renal artery supplies the network around glomerulus----> Interlobular artery
- Brisk ankle and knee reflex but absent bicep reflex due to spinal cord compression.site of compression is at the level of---->C5-C6
- Broadmann area is located in Occipital lobe---->18,19
- Brocas area is located in----> Inferior frontal gyrus b
- Bronchial Asthma, correct---->. FEV/FVC rat.o < 75 %</p>
- ► Bronchodilation through adenylylcyclase---->Salbutamol
- > Bronchopulmonary segment ---->Each segment has its own 1 blood supply
- Bronchopulmonary segment----> Supplied by bronchus segment and tertiary part of pulmonary artery
- > Burkitt lymphoma oncogenesis by EBV ----> Proto-oncogene c-myc amplification
- > By what mechanism does Diclofenac NSAID act---->Cox-I and Cox-II inhibitor
- Byssinosis occurs in workers of----> Textile industry/cotton
- > CA of fundus of stomach metastasizes to ---->Celiac nodes
- Cabergoline acts on ----> D2 agonist
- Cabergoline acts on----> D2 agonist
- Calcitonin is given in ---->Paget disease
- Calculate GFR in CKD for transplant or dialysis ----- Creatinine clearance
- Capnometer is used to used for ----> air embolism
- Cardiac muscle cannot be tetanized due to---->Long refractory period
- Cardiac muscles are protected from tetany due to----> Long refractory period
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Cardiac output when divided by heart rate equals to----> Stroke volume
- Cardiac output when divided by heartrate equals to---->Stroke volume
- Carpal tunnel syndrome, movement of thumb is affected----> Opposition
- Case of gastric ulcer. The nerve most likely to be mediating this referred visceral pain is----> Greater splanchnic
- Cause Esophageal Ca----> Nitrosamine
- Cause of ADH suppression is---->. Increase plasma volume
- Cause of edema in liver cirrhosis is due to deficiency of---->Albumin
- Cause of edema in patient with heart failure----> Increase hydrostatic pressure
- Cause of Vit D resistant rickets is----> Fanconi synrome
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- Caused commonly by UV rays ---->Cataract
- Causes chronic atrophic gastritis and duodenal ulcer---->H. Pylori
- CBC showed MCV & MCHC low, Hb 6.8. Type----> Iron deficiency anemia
- CCF pt with shortness of breath O/E basal crepts. Is the immediate drug choice----> Loop diuretic
- CD in immunology stand for----> Cluster of differentiation
- Cell causing hindrance to regeneration of CNS----> Oligodendrocytes
- Cells which help in formation of bone and matrix---->Osteoblast
- Celts of simple columnar epithelium are connected to each other by----> Tight junction, adherent junction and desmosome
- Central retinal vein----> Occlusion cause slow painless blindness
- Cerebellum is connected to midbrain by----> Superior cerebellar peduncle
- Cervical carcinoma stage 4a which lymph node is involved----> Internal iliac
- Cervical Lymphadenopathy, mandible tumor. Biopsy showed partially dividing lymphocytes. Cause is---->. Burkitt lymphoma
- Cervix with squamous epithelium in Endocervix it is. Diagnosis ----> Metaplasia
- Change in shape, size and polarity ---> Dysplasia
- Character of long bone is ----> Central bone marrow cavity
- Characteristic site of hernorrhagic infarction ------ Intestine
- Characteristics of igm----> It is the largest molecule
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- Chemotherapy induced tumor size regresses by----->Apoptosis

- Chemotherapy induced vomiting, anti-emetic should be given----> Ondansetron
 Child presented with generalized edema. Best Lap---->Urine protein
 Child suddenly died while playing. On autopsy, coronary artery aneurysm was seen. Diagnosis is----> Kawasaki disease
- Child with fever, diarrhea, pallor, Hb is 5.6, MCV 107, MCHC increased. Investigation of choice---->Serum B12 assay
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Chromosome breakage syndrome means----> Defective DNA repair
- Chromosomes align at equatorial plate in ---->Metaphase
- Chronic Hepatitis C of many years show histology ----> Periportal fibrosis
- Cimetidine may prolong the prothrombin time and causes bleeding in with warfarin. ----> Decreasing the hepatic clearance of warfarin
- Cimetidine-sucralfate interaction----> Sucralfate doesnt let cimetidine get absorbed
- Clavulinic acid is mixed with ampicillin because---->Inhibit Beta lactamase
- Clavulinic acid is mixed with ampicillin ----> Inhibit Beta lactamase
- Climbing fiber originate from----> Inferior olive nucleus
- Clinical finding of food poisoning due to Clostridium Botulinum. ---->Orthopnea



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- Clot retraction occurs due to----> Platelets
- Cloudiness in front of eye. Diagnosis----> Cataract
- CNS depression with constricted pupils and no respond to naloxone.----> Phenobarbital
- Co2 transport is an example of----> Negative feedback
- Cold agglutination----> Serum with RBC lysis 4 egree
- Collagen for strength helps in wound healing ---->Type 1
- Collagen in Periodontal ligament----> Type 1

Color of CSF in TB meningitis is----> Opalescent

- > Common cardiacanomaly in Premature babies is---->Patent ductus arteriosis
- Common Cause of congenital hypothyroidism----> Maternal iodide deficiency
- Common cause of fatty liver in Pakistan----> Increase fatty food intake
- Common cause of HCC in Pakistan---->Hep B
- Common cause of low production of rbcs---->Renal disease
- Common feature of autoimmune disease is----> Arthritis
- Common feature of Sarcoidosis Erythema nodosum
- Common feature of Sarcoidosis in females----> Erythema nodosum
- Common features of normal kidney——> Podocytes in visceral layer of Bowman Capsule
- Common site of ectopic pregnancy is ---->fallopian tubes
- Common site of fertilization is——> Uterine tubes
- Common site of Rib fracture -----> angle of rib
- Cram Statements Inshillah 70 % paper will come from this file. DO not skip this file...
- Complains of headache and peripheral cyanosis of soldiers fingers after returning from siachin. Cause is----> Secondary polycythemia.
- Complication of AIDS ----> Pneumocystis cari

Condition that occurs in IV drug abuser ——> Conduction system of heart is located in----> Sub endocardium

- > Confidence interval represents---->Mean and its standard error
- Confidence interval represents----> Mean and its standard error
- Congenital lower motor facial palsy is due to----> Birth trauma
- Construction worker with complaints of cough and shortness of breath. CXR shows pleural Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- plaques. Cause---->Asbestosis
- Conversion of short term memory into long term memory occurs in----> Hippocampus
- COPD patient, 02 pressure at 11cm of water by PEEP for 24 hrs would cause----> Pneumothorax
- Corneal opacity is caused by----> Chloroquine
- Corpus luteum produces which hormone that maintains the pregnancy in 1st trimester----> Progesterone
- Correct pairing of reflex----> Biceps C5, C6
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- Costal cartilage is----> Hyaline
- Councilman bodies are found. Which is the probable diagnosis---->Yellow fever
- Covering of stratified squamous epithelium. Most likely structure is----->Palatine tonsil

Cretinism differs from dwarfism in----> CRF pt with hypocalcemia and hyperphosphatemia. Test----> 25 hydroxyl D

- Criteria for diagnosis of sepsis----> Positive culture
- Crushing chest pain radiating to back. Cause----> Aortic dissection
- Cryptococcus neoformans. Treatment ----> Amphotericin B
- CSF has----> Decrease glucose than plasma
- CSF pressure of water is ---->10-20 cm
- Cushiigs syndrome character----> Abdominal striae
- Cyclosporine acts by----> Blocks differentiation of T cells
- Cystic hygroma association with----> Turner syndrom
- Cytokeratin are used for---->Intermediate filament
- Daily requirement of protein --->1g
- Damage in the right somatosensory causes——> Loss of crude touch of left side
 Dark colored irregular nodule on the dorsum of right hand. Axillary lymph nodes palpable. Cause----> Exposure to UV light
- Dec hemoglobin as in anemia, carbon monoxide poisoning will not cause hyperoxia because-----> Arterial PO2 normal
- Decrease breath sound on left side and normal breath on right side, likely cause----> Pleuroperitoneal defect
- Cram Statements Inshilah 70 % paper will come from this file. DO not skip this file...
 Decrease Na delivery to macula densa causes release of ----->Renin
 Decrease of which occurs at the apex of lungs ----> Ventilation

- Deep inguinal ring is a defect in----> Transversalis fascia
- Deep palmar arch is formed by ---->Radial artery
- Deficiency of enzyme is responsible for decrease in prostate size in----> Alpha reductase
- Deficiency of enzyme result in prostate atrophy---->5 alpha reductase
- Deficiency of surfactant causes----> Patchy atelectasis
- Definitive test for diagnosis of TB is---->AFB
- Delayed hypersensitivity cytokine---->IL 2
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Derivative of Third branchial arch ---->Stylopharyngeus muscle
- Develops from----> Diencephalon
- Diabetic with increased potassium. Treatment----> Insulin
- Diabetic for 13ears complains of decrease vision. White spots and exudates are seen on the retina. Diagnosis is----> Central retinal vein occlusion
- Diabetic male complains dyspepsia. DOC----> Prokinetics metoclopramide
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- Diabetic non-healing ulcer on the foot with sensory loss. ----> Angiopathy and neuropathy Diabetic pt a presents with weight loss and decreased appetite. Drug is responsible---->Metformin
 - Diabetic with partial ptosis and meiosis. Cause----> Horner syndrome
 - Diagnose gonococci in exudate is---->Gram staining
 - Diagnosis of Amyloidosis is made by---->Rectal biopsy
 - Diagnosis of sepsis---->Blood culture positive for bacteria
 - Diagnosis of typhoid in 1st week is done by----> Blood C/S
 - Diagnosis where leukocyte adhesion to endothelial cells is deficient. The likely deficiency is of----> LFA-1 (integrin)
 - Dialysis. Test is required to decide for dialysis or transplant---->Creatinine clearance
 - Diarrhea and weight loss. Biopsy shows two nuclei organism which is pear shaped. Cause----> Giardiasis
 - Diastolic murmur and increased preload. Diagnosis---->AR
 - Dicyclomine given for colicky pain. Receptor Muscarinic receptor
 - Diet rich in vitamins---->Green vegetables
 - Dietary fat is absorbed chiefly in the Jejunum
 - Dietary requirement in a balanced diet -----> Protein Carb Lipid
 - Difference b/w Anaphylactic and hypovolemic shock is----> CO
 - Difference btw PCT and DCT is----> PCT has extensive brush borders
 - Difference btw PCT and DCT is---->PCT has extensive brush borders
 - Digoxin toxicity with levels at 4 ng/ml. How long should digoxin withheld so that the plasma level fall to a safe & therapeutically effective contraction of 1 nanogram/ml----> 108 hours

 - Diphtheria toxoid vaccination. Type of reaction has occurred-----> Type 3
 Diplopia when looks down and laterally, also rotates head. Paralyzed -----> Superior oblique
 - > Cram Statements Inshilah 70.% paper will come from this file. DO not skip this file...
 - Diplopia when looks down and laterally, also rotates head.Paralyzed-----> Superior oblique
 - Disorganized tissue indigenous to a particular area of body---->Hamartoma
 - Diuretic causes hyperkalemia----> Spironolactone
 - DOC for Amoebic Liver Abscess is----> Tinidazole
 - DOC for Bee sting, swollen face---->I/M adrenaline
 - DOC for Pseudomonas—aeruginosa---->Ceftazidime
 - DOC for severe Clostridium difficile infection is----> Metronidazole
 - > DOC for traveler diarrhea is----> Norfloxacin
 - **▶** DOC for Trichomoniasis is----> Metronidazole
 - Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
 - DOC in obsessive compulsive neurosis is----> Clomipramine
 - DOC for pulmonary edema is----> Furosemide
 - DOC for Taenia Solium pork worm----> Praziquantel
 - DOC for Taenia Solium pork worm infestation----> Praziquantel
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- > DOC for Taenia Solium pork worm infestation---->Praziguantel
- DOC in meningitis with low glucose and increased polymorphs cells and meningeal signs.---->Penicillin G (3rd gen cep. Was not in option)
- Doctor patient confidentiality breach may apply in ---->having suicidal thoughts
- Doctor suspect subacute bacterial endocarditis.in rheumatic heart patient. Organism----->Strep viridans
- Drug in moderate to severe congestive heart failure----> Captopril
- Drug acts by inhibition of H/K atpase pump----> Omeprazole
- Drug cause fatal excitation when given with MAO inhibitors----> Pethiine
- Drug contraindicated in HOCM is---->Digoxin
- Drug contraindicated in hypertrophic cardiomyopathy is----> Digoxin
- Drug depression in young ---->Fluoxetine
- Drug used in HIV which causes pancreatitis ---->Didanosine
- Drugs with short half- lives----> Reach steady state early
- > Dry mouth, dry eyes and anti SS-A and ANA positive. Long term complication----->Pulmonary interstitial fibrosis
- Due to surgery, what will increase and cause vasoconstriction----> Epinephrine
- During Exercise blood flow decreases in---->Kidney
- During exercise increase water loss will be through---->Sweating
- During exercise, decreased blood flow to----> Kidney
- During exercise, there is decreased blood flow to---->kidney
- During extra systole ---->. Pulse pressure decreases due to decrease in stroke volume
- During heavy exercise, ----> Increase in ventricular contractility
 During lactation, ovulation is inhibited because ----> Profactin
- > During lactation, ovulation is inhibited due of inhibition of gnrh by----> Prolactin
- During ligation of superior thyroid artery, increased risk if damage to ----> External Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- laryngeal nerve
- During LP after crossing L3, L4 intra laminar space the needle touches which structure first----->Epidural space
- > During Voluntary muscle contraction----> Both alpha and gamma motor neuron in descending pathway are excited
- Dysphagia to liquids. Laryngoscopy shows normal history of the tract. Cause is----> Loss of **Neuromuscular coordination**
- Dysplasia ---->Loss of polarity and architecture
- Dyspnea . CXR shows diffuse interstitial fibrosis. Likely cause is----->Inorganic dust
- Dyspnea in recent MI pt.Triangular shaped hemorrhage in lungs. Conditions is most likely the cause---->Thromboembolism
- Early diastolic murmur, Very wide pulse pressure. Diagnosis---->Aortic regurgitation
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In acute Aortic regurgitaion, pulmonary edema occurs due to increased flow in left heart side. In chronic AR, LV impairment and heart failure occurs and increased pulse prssure is seen.S3, Absent S1 and Austin flint murmur are common signs

- ➤ EBV association with Burkitt lymphoma is due to ---->African with Burkitt lymphoma has EBV genome
- ECG changes in Hypogyicemia----> Increase QT Interval
- ECG of atrial fibrillation----> Irregular R-R interval
- Ectopic Parathyroid hormone secreted by---->Squamous cell Ca of lung
- Effect of HIV onwhich cells---->CD4 T cells
- Effect of Warfarin is increased by----> Cimetidine
- Electrolytes abnormality causing low-voltage of action potential ----->Hyponatremia
- Emergency with acute left heart failure. ----> IV Furosemide
- End arteries are present in----> Spleen
- End arteries best example---->Central Retinal artery
- Endocervical tissue partially lined by stratified squamous epithelium. This is due to----->Metaplasia
- Endothelium Forms----> Prostaglandin 12
- Enzymes act by---->Increasing ph
- Epicardium gets blood from---->. Coronary arter
- > Epithelium which protect against mechanical injury----> Stratified squamous keratinized
- Erythropoietin is increased in----> High altitude
- Esophageal opening in diaphragm is at ----> T10
- ESR increases with ----> Decrease albumin
- Estimate GFR is by-----> Inulin clearance
- Evidence for ovulation----> Ferning of cervical mucus
- Exchange of gas from alveoli to blood is through----> Passive iffusion
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Expansible, pulsatile and painless swelling in female. Diagnosis ---->Femoral artery aneurysm
- Eyes moving opposite to the subject of focus in conjugate gaze will have a lesion at----> Frontal eye field
- Facial and Abducent nerve involved. Cause is---->Cerebellopontine angle
- Facial asymmetry, drooling of saliva from mouth and inability to close his eyes. H/o chronic nasopharyngeal sinusitis. Cause---->Corynebacteria diphtheria
- Facial nerve damage at the level of mastoid.----> All facial muscie paralyzed on the same side
- > Facial pain and hyperacusis. Ganglion involved was asked---->Geniculate
- Facial recognition in daily life is done by parts---->Fusiform gyrus of temporal lobe
- Factor 8 is produced by---->Endothelium

Factor preventing edema is----> Farmer presented with right lower lobe coin like mass, cause----> Aspergillosis



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- Farmer with nasal congestion, severe cough and episodic dyspnea. Mass on CXR.ige and eosinophils levels are increased. It is due to----->Aspergillosis
- Fats enter the lymph in the form of---->Chylomicron
- Feature of hemophilia is----> Tissue bleeding
- Feature of Polyarthritis nodosa----> Fibrinoid necrosis
- Fell from height. Later develops urinary incontinence and loss of control over bowel. Lesion in----> S2, 3,4
- Female of short stature presented with amenorrhea and webbed neck. Diagnosis---->45X0
- Female with excess hair growth, hypertension and Hyperglycemia, hyperpigmentation, increased depression and obesity. Increase ---->ACTH
- Female with ph 7.4, hypokalemia, normal sodium, normal cortisol but raised Renin level.

 Diagnosis----> Renal artery stenosis
- Femoral pulse is palpated at----> Mid inguinal point
- Femur fracture and blood loss. BP 80/60 and low GFR. Cause-----> Decrease Arterial bloodpressure
- > Fetal Hb has----> Lower affinity for 2,3- bisphosphoglycerate
- Fever and cough for one month. Epithelioid cells on biopsy and X- ray shows diffuse nodular Cram Statements Inshlah 70 % paper will come from this file. DO not skip this file...
- opacities. Diagnosis---->Tuberculosis
- Fever in inflammation is caused by----> IL-1
- Fever, headache and diplopia. Ptosis, mydriasis, anisocoria and crossed horizontal diplopia. Diagnosis is---->Oculomotor nerve damage
- Few days after typhoid, bacteria most likely resides in----->Payers patches
- Fibrin is stabilized by----> Factor 13 /
- Findings of left ventricular hypertrophy ---> Systolic murmur
- > Fine movement of hands are controlled by----> Corticospinal tract
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- First line of defense against microbial pathogens is---->Skin
- First observable sign of irreversible cell injury in cardic cells----->Contraction bands in cytoplasm
- First pass metabolism can be avoided a---->Sublingual
- Flexor reflex occurs due to----> Noxious stimulus
- > Folia is a feature of ---->cerebellum
- Folia is in----> Cerebellum
- For an adult, the normal dietary proteins required per day is---->1 gm/kg
- Foul smelly discharge from lacerated wound. He was hypotensive, tachycardiac and febrile. Likely diagnosis---->Toxemic shock
- Fracture on anterior-inferior of parietal bone with clear csf----> Subdural hemorrhage
- Fracture tibia, Later he develops crepitus and and is hypotensive. Cause is---->Toxemia
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- Fractured hook of hamate bone after fall. Nerves will most likely be injured---->Ulnar
- Free margin of falciform ligament contains----> Ligament teres
- From the baso-lateral membrane of renal epithelium, sodium is absorbed by---->Na-K pump
- Function of baroreceptor is to---->. Increase arterial pressure
- Function of enzyme ----> Decrease activation energy of reactants
- Function of Meissner and Pacinian is----> Vibration
- Function of monocyte of granulation tissue in wound healing by secondary intention is-----> Woun contraction
- Function of Prostaglandins E2, F2, D2 in inflammation is----> Vasoilation
- Function of Sternocleidomastoid is----> Turns the neck to opposite side against resistance
- Functional components of tastes sensation are---->Special visceral afferent
- G protein coupled receptor----> camp
- Galactorrhea and secondary amenorrhea serum prolactin 6000, no other signs of compression. Diagnosis----> Microprolactinoma
- Gastric emptying is delayed by CCK
- Gastric ulcer mostly occurs at----> Lesser curvature
- Gastrin secretion is decreased by---->Somatostating
- Gastroesophageal junction competence is increased by ---->Use of Metoclopramide
- Generalized edema, proteinuria of 3.6 gm in 24 hours. The most underlying mechanism of edema is---->Decreased colloid osmotic pressure
- Genetic disease most frequent is--->Multifactorial
- GFR can be estimated by ----> Creatinine clearance
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- Cram Statements Inshilah 70 % paper will come from this file. DO not skip this file...
- GFR less than 50% and decreased urine output An increase in the levels of will be alarming----->Potassium
- Girl presents with fatigue, lethargy, jaundice, skin discoloration and enlarged spleen. Labs showed Hb 9 with microcytic hypochromic anemia and a ferritin 3000. Treatment option is----->Deferoxamine
- GIT completely denervated, the effect on GI movement will be----> Have little effect on the resting ratfe of intestinal peristalsis
- Glucagon secretion is increased by----> Exercise
- Glucose and amino acids are reabsorbed in proximal tubule by ----->Secondary active transport
- Good Doctor patientrelationship---->Active listening
- Grading of a tumor shows----> Differentiation
- Grading of tumor means----> egree of ifferentiation
- Gram positive Coco bacillus with tumbling motility---->. Listeria
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Greatest blood flow per grm at rest is of ---->kidney

~Growth hormone inhibits the action of----> Insulin

- Growth hormone is stimulated mostly by----> Strenuous exercise
- Gunshot injury to spinal cord, extensor muscles of knee are paralyzed. ---->L2 L3
- ➢ H. Pylori related carcinoma ---->Gastric Ca
- H/o arthritis present with weakness and bruise pancytopenia, 0.1% Retie count and hypocellular bone marrow with normal cell morphology. Diagnosis is----> Aplastic anemia
- H/o fall, dribbling of urine but inability to void. Damaged root value ---->S2,3,4
- H2 blocker (cimetidine) ineffective in----> Zollinger Ellison
- H2 blocker are given before C-sec to----> Decrease Volume plus acidity of gastric content
- Halothane was give. Temp increases Cause ---->heat production by skeletal muscles
- Harmone stimulates gastric motility----> Gastrin
- HCO3 absorption in nephron----> PCT and collecting
- Head of long bones is supplied by---->Epiphyseal artery
- Cram Statements Inshliah 70% paper will come from this file. DO not skip this file...

- Headache & blurred vision on return from hilly area. Reason----> Secondary polycythemia
- Headache and blurred vision on hilly area returns. Due to---->Secondary polycythemia
- Healthy individual is he who----> Eats, sleeps, and exercises regularly and lead a disciplined
- Heart derives 65% energy from----> Fatty acids

- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
 Heart-lung transplant pt was on immunosuppressive drugs. High grade fever, neck rigidity, +ve Kerning, Normal glucose, lymphocytes 80% and organisms with a halo around it. Organism is----> Cryptococcus Neoformans
- Heat conservation is by---->Cutaneous vasoconstriction
- Height altitude complains of---->Respiratory alkalosis
- Helps in wound contraction---->Myofibroblasts
- Hematoma in nape of neck. Part of cranial fossa damaged----> Posterior
- Hematoma on forehead after fall. Family history of bleeding. Next investigation done should be---->Coagulation profile
- Hematopoietic cell, does not contain any marker of differentiation---->CD 34
- Hematopoietic stem cells in Myelocytic stage----> Staining of granules
- Heme binds with.---->Hemopexin
- ➤ Hemiballismus result from lesion in----> Sub thalamic nucleus
- Heparin is monitored by ----> aptt
- Heparin is released by ---->Mast cells
- Hepatic encephalopathy estimated by levels of ----->Ammonia



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- Hepatocytes are derived fromwhich layer----> Hepatocytes are derived from progenitor cells when the supply of healthy hepatocytes is insufficient. ... In this case, a progenitor cell population (known as oval cells in rodents) appears to give rise to both hepatocytes and cholangiocytes
- Hepatosplanomegaly with fever & chills. Labs show Giemsa stain positive. Diagnosis----> Plasmodium
- > Her pap smear shows prominent nuclei and increased nucleus size. Diagnosis----> Dysplasia
- ➤ High altitude will have----> Secondary polycythemia
- > Highest content of sodium is in----> Cup of soup
- > Highest ph---->Pancreatic juice
- ➢ Highest pulse pressure in----> Femoral artery
- Highest pulse pressure is in----> Femoral artery
- Hirsutism, hyperglycaemia, obesity, cause of her symptoms is---->Primary overproduction of ACTH
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- History of stroke. Later develops reduced motivation and depression. He has a lesion in a---->
 >Frontal lobe
- HIV patient with abdominal obstruction & intestinal mass. Cause----> Lymphoma
- HIV positive pt. With abdominal obstruction and pain, scan shows grey white mass which is resected and shows infiltrating and invading tumor most likely---->B cell lymphoma
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- Hivpatient with neck stiffness is positive for fungal meningitis. Cause----> Cryptococcus neoformans
- > HLA B27 is associated with---->Ankylosing Spondylitis
- HLA-B5 is associated with---->Behcets disease
- > HLA-B5 is associated with----> Behcets disease
- Hodgkin lymphoma pt with fever vomiting.neck stiffness and Kernig sign positive. CSF shows a fungal organism. Which organism---->Cryptococcus
- > Homonymous hemianopia is due to lesion in----> Optic tract
- ➢ Hormone causes smooth muscle constriction In Arterioles ---->ADH
- > Hormone is responsible for Development of breast lobules and Alveoli -----> Progesterone
- Hormone of the anterior pituitary is under direct inhibitory control of hypothalamus----> Prolactin
- ➤ Hormone status in a post menopause woman ---->. FSH, LH increased
- ➤ Hormone status in a post menopause woman ---->FSH, LH increased
- Hormone that always act via camp mechanism----> TSH
- Hormones for lacto genesis is----> Oxytocin, prolactin and cortisol



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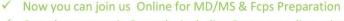
- Hospital Transit death in obstructed labor Cause----->Amniotic fluid embolism
- How do erythrocytes prevent from oxidative stress---->HMP shunt
- HR 70, cardiac output, is 5, end diastolic volume is 140ml, ejection fraction ---->0.005
- HRT for the past 10 years. Increased risk of----> Breast CA
- HTN lady with severe headache, vomiting and raised ICP. CSF blood stained. Cause---->Subarachnoid hemorrhage
- Hutchinson teeth which is centrally notched teeth and Gumma in mouth. Cause---->Treponema spirochetes
- Hutchinson teeth which is centrally notched teeth found in which---->Syphilis
- Hx of chronic cough & Pets in home. CXR shows pattern diffuse interstitial and nodular shadowing. Cause----> Diffuse interstitial fibrosis
- HX of Cough, Histology shows granuloma with caseous necrosis. The hilar lymph sign chest xray is normal.diagnosis----> Histoplasmosis
- Hx of recurrent infection and cytomegalovirus pneumonitis. Thymus show hypoplastic, biopsy show lymph nodes small with absent germinal centers on microscopic examination.-----> Adenosine deaminase deficiency
- Cram Statements Inshilan 70 % paper will come from this file. DO not skip this file...

- Hyoid bone lies at ---->C3
- Hypercalcemia, lethargic patient with low mood, serum calcium of 2.43mmol/L, serum parathyroid hormone of 25pmol/L. Diagnosis----> Primary hyperparathyroidism
- Hypertension and increasing weight. Features would be most suggestive of Cushings > Abdominal striae syndrome rather than simple obesity. Abdominal striae

 Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

 Hypertensive Diabetic patient Initial treatment will be ----->Lisinopril

- Hyperventilation, tachycardia, and metabolic acidosis after analgesic overdose. Drug is----> Acetyl salicylic
- Hypervitaminosis A causes----> Dry skin
- Hypervitaminosis A causes---->Scaly dermatitis
- Hypoglycemia increases----> Glucagon
- Hyponatremia caused by----> Increase boy water
- Hypothalamus- hypophyseal portal system in---->Anterior pituitary
- Hypotonic urine will be present---->DCT
- Hypoxic vasoconstriction occurs in----> Lung
- Icterus & pruritus.Destruction of intrahepatic ducts seen on cholangiography cause---->Primary sclerosing cholangitis
- Identify gonococci in exudate by----> Gram staining
- If the centromere gets divided transversely instead of vertically then it results in----->Isochromosome



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- > If the heart rate is 70 beats/min, then the cardiac output of ventricle is----> 5.25 L/min
- Ige binds to the surface of---->Mast cells
- ➤ Ileum is resected. Vitamin should be given ---->Vit B12
- Important function of endothelium is production of----> Prostaglandin 12
- Important in preventing from falling on sudden break of vehicle is ---->Utricle
- Important relation of right suprarenal gland to the structure----> IVC
- In alcoholic there is deficiency of---->. Vit B1 /Thiamine

In a pregnant lady, to diagnose early open neural tube defect . Is used for screening-----> In an athlete, after heavy exercise, conservation of Na/water ---->Atrial natriuretic

- In appendicitis. Pain will be mediated by----> Bradykinin and prostaglandin E
- In aranulopoiesis, the first cell that appear having granules is---->Promyelocyte
- In Athlete there is increase in ---->Stroke volume
- In cells, the enzyme Oxidases are present in---->Peroxisomes
- In Chronic pancreatitis, steatorrhea occurs due to deficiency in ---->Lipase
- In CLD, upper GI bleed/hematemesis occurs due to which vein ----> Left gastric vein
- Cram Statements Inshillah 70 % paper will come from this file. DO not skip this file...
- In Conductive deafness, the affected side shows-----> Weber lateralized to it

- In diabetic sensory abnormalities of the left foot and ulcer of big toe.----> Angiopathy and neuropathy
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- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...

- Neuropathy followed by Vasculopathy In diabetics, ulceration of foot cause
- In Erythroblastosis fetalis. Baby dies 6 hours later. At biopsy----> Basal ganglia staining
- In hypertention. Autopsy of the heart ----> Hypertrophy
- In hypertrophic cardiomyopathy, present----> Myocytes disarray
- In Hypovolemic shock, decrease GFR is due to -----> Decrease arterial pressure
- In late pregnancy uterus is most sensitive to----> Oxytocin
- In ligation of Superior thyroid artery there is increased risk of damage to ---->External laryngeal nerve
- In long term fasting, gluconeogenesis is controlled by----> Availability of alanine in blood
- In low cardiac reserve pt asked to perform an exercise tolerance test. Result in----->Failure of cardiac output to rt to meet the activity demands
- In LP after fiavum at L3, L4 the needle touches structure first----> Epidural space
- In mid pregnancy Estrogen and progesterone are produced by----> Placenta
- In Myasthenia gravis---->Decrease postsynaptic ach receptor



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- In peptic ulcer disease,. Analgesia of choice should be----> Acetaminophen
- In Phenylketonuria, there is decrease conversion of phenylalanine to---->Tyrosine
- In pregnancy, occurs----> increase total lung capacity
- In pregnancy, the uterus is more sensitive to ---->Oxytocin
- In reflex arc, which part of the brain is involved----> spinal cord
- In respiratory acidosis. For every 10 rise in pco2, the compensatory rise in HCO3 is---->4
- In response to compensation of hemorrhage, what will decrease---->Venous capacitance
- In right shift of oxygen dissociation curve, value of P50 would be---->35
- In right shift of oxygen dissociation curve, P50 will be ---->35
- In severe diarrhea---->Dec Na
- In small cell lung carcinoma tumor marker is present (oat cells)----> ACTH
- In spinal ganglia, neurons are present---->Pseuo unipolar
- In surfactant deficiency----> increase lung compliance
- In SVT, which should be given---->Verapamil (it was best among cpsp options)
- Cram Statements Inshillah 70 % paper will come from this file. DO not skip this file...
- In syphilis after Three weeks of +ve serology. Findings----> Penile chancre
 In thalassemia cells---->Poorly haemoglobized
- In well-ventilated room ot started sweating profusely. High BP, tachycardiac at a room temperature of 26C. Cause is----> Exercise
- In which layer of oral mucosa are minor salivary glands present in---->Lamina propria
- In which part of the kidney does 60-80% of the filtered water gets reabsorbed-----> PCT

- In Wilson disease, useful investigation property in the property

- Inability to feel heat or cold on the left side of his body. Loss of vibration, position sense, deep touch, and motor functions of the right lower limb.diagnosis----> Right Brown Sequard
- Increase in the TPR is caused by---->. Alpha 1
- Increase iron absorption by ----> vitc
- Increase JVP due to increase in----> Resistance
- Increase pancreatic secretion and releases Ca from sarcoplasm----> CCK
- Increased conc in Biliary obstruction and parenchymal necrosis---->ALP
- Increased CSF, lymphocytes mildly increased while proteins and glucose normal. Cause---->
- Increased frequency and burning of micturition along with high grade fever. Diagnosis is----> UTI



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- Increased frequency and burning of micturition in pregnancy .cause----> UTI
- Increased hydrostatic pressure ---->. Results from CCF
- Increased in aortic regurgitation ---->. ESV
- Increased intake of protein --> increase intake of----> Riboflavin
- Increased specific gravity of urine, deranged is----> Concentration
- Increases pancreatic secretion and releases Ca from sarcoplasm----> CCK
- Indication for passive immunity ----> do not have enough time for active immunity
- Indicator of High infectivity in HBV infection ---->hbeag +ve in addition to hbsag +ve
- Infant heart beats ----> 110 to 150
- Infected by Trichomanas vaginalis appropriate treatment is---->Metronidazole to both partners
- > Inheritance of Hemophilia A---->X linked recessive
- ➤ Inhibition of enzyme reduces thesize of prostate---->5 alpha reductase
- Injury causing hyperextension of neck and damage to cervical cord is by----->Pain on opposite side c LMN lesion of upper limb
- > Injury to trochlear nerve cause---->Loss of downward gaze and adduction
- Insulin increase the entry ofglucose into----> Skeletal muscle
- Insulin independent glucose uptake occurs in----> Hypothalamus
- Insulin independent uptake occurs in Hypothalamus/exercising muscle
- Intermediate filament in cancer--->Keratin
- Inter-muscle fiber covering----> Endomysium
- > Internal jugular vein after emerging through jugular foramen has its immediate anterior relation to----> Internal carotid artery
- relation to----> Internal carotid artery

 Internal spermatic fascia is derived from ----> Fascia Transversalis
- > Cram Statements Inshllah 70% paper will come from this file. DO not skip this file...

Intervertebral disc is a type of which joint---->symphysis

- ➤ Intrinsic factor is secreted from which part of GIT---->Fundus
- Investigation for Hashimotos thyroiditis----> Anti-thyroglobulin and anti TPO
- Involved in one carbontransfer is---->Biotin
- > Iron absorption best increase with----> With citrus fruits
- Irreversible cell injury most imp is----> Rupture of lysosomal and release of lysosomal enzymes
- Irritant receptors in airways----> Causes coughing and bronchoconstriction
- Itching in scabies is caused by----> Hypersensitivity to mite protein
- ➢ Itching will stimulate----> C fibers
- > IV B12 is used in---->ileal resection
- Japanese boy with severe conjunctivitis, edema of lip, suspected to have an aortic aneurysm. Diagnosis ---->Kawasaki disease



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- > Joint pain presenting with morning stiffness and pain. The pain lasts for few minutes. Diagnosis----> Osteoarthritis
- Junk food intake. Hb low. MCV 122, most likely diagnosis----> Folate deficiency anemia
- Juvenile polyposis syndrome ----> Hamartomatous
- Kaplan- Meier curve are used for----> Survival of patients
- Karyotype of turner syndrome ---->. 44 X0
- Kidney---->Covered by facial sheath along with adrenal gland
- Lab investigation revealed Hb 6%, MCV 107, MCHC increased. Investigation of choice is----->Serum Vit B12 levels
- Labs show APTT prolong. PT & BT normal. Diagnosis----> Hemophilia
- Late sequelae of measles---->Subacute sclerosing panencephalitis (SSPE)
- Lead poisoning----> Basophilic stippling
- Left gastric artery supplies---->Lesser curvature
- Left shift of the oxygen dissociation curve due to low pco2 is known as---->. Halane effect
- Left ventricular hypertrophy presents to you. Durg given to relieve pain----> Nitrates
- Lesion in anterior cerebral artery leads to loss of----> Sensory loss
- Lesion in dorsal column medial leminiscus system causes---->Sensory ataxia
- Cram Statements Inshlah 70 % paper will come from this file. DO not skip this file...

Lesion in dorsal column medial meniscus pathway causes----> Astereognosis

Lesion in dorsal column medial meniscus pathway causes----> Lesion in parietal lobe causes---->Asterognosia

- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Lesion of Lateral Hypothalamus results in----> Inhibition of feeding
- Lesion of Lateral Hypothalamus results in----> Inhibition of feeding
- Lesion on the side of her face and eye and complains of gradually increasing decrease in vision. Organism responsible----> Onchocerca volvulus
- Lesion to right optic tract will lead to----> Left homonymous hemianopia
- Lf observation given of some location and within a scale of measurement is known as ---->. Ratio
- LH acts on---->Leyding cell
- Lifestyle modification advice to HTN pt----> Walk 1-mile daily
- Ligament gives stability to TMJ in position----> Temporomandibular ligament
- Ligament is intrapelvic and extra pelvic---->Round ligament
- Ligament that prevents anterior dislocation of femur on tibia---->Posterior cruciate
- Ligamentum teres is a derivative of---->Left umbilical vein
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- Limb buds appear during week----> 4
- Linear migratory lesion on his foot, parasitic infection involeved----> Cutaneous larva migrans
- Linear migratory lesion on his foot. Parasitic infection most likely to cause it----> Cutaneous larva migrans
- Liquefactive necrosis is seen in---->brain
- Liquefactive necrosis is seen in---->brain
- Ln a newly formed thrombus, ______ is present----> Fibrin
- Location of geniculate ganglion----> Medial wall of middle ear
- Long term steroid therapy has increased risk to----> Osteoporosis and fractures
- Longest pre-erythrocyi phase occurs in----> P. Malariae
- Longest Pro-Erythrocyte Stage---->P. Malariae
- Loss of accommodation reflex, lesion in----> MID brain
- Loss of pain at T9, loss of vibration at T8 and bilateral reflexes are normal. ----> Lesion of spinothalamic tract at T8
- Loss of Rt limb pain and temperature sensation. Lesion in----> Left lateral spinothalamic
- Loss of water by evaporation and insensible loss from body---->core boy temperature
- Cram Statements Inshlah 70 % paper will come from this file. DO not skip this file...
- Lost fine touch vibration and proprioception Lesion is in----> Nucleus gracilis
- Loud S1, opening snap and mid diastolic rumbling murmur at apex are characteristic finding of----> Mitral stenosis
- Low dose heparin acts by----> Inhibits activated factor 10
- Lower lip is derived from----> Mandibular prominence
- Lower lip is derived from----> Mandibular prominence
 Lowest Hb in a newborn ----> 3rd month
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- LP shows CSF lymphocytes 75%, neutrophils 26%, proteins 2.6mg, Glucose 55mg and, turbid CSF. Diagnosis----> Tb meningitis
- Lumbar triangle is anteriorly related to posterior part ----> External oblique
- Lumber sympathectomy which ganglion is saved---->L1
- Lung compliance increases with----> Old age
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Lymph flow will decrease in---->Hemorrhage
- Lymph from greater curvature ofstomach drains into node---->Celiac
- Lymphoid tissue with surrounding stratified squamous epithelium----> Palatine tonsil
- M band in multiple myeloma is produced by ----> Plasma cells
- Macrocytic hypochromic, hyper segmented neutrophils. Cause ---->Folate deficiency



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- Macrophages are derived from---->Monocytes
- Main action of gut somatostatin is to mainly inhibit---->Insulin
- Main buffer of the blood ---->HCO3
- Main class associated with antigen presenting cell.----> MHC II
- Major energy reservoir ----> Adipose triglycerides
- Major source of unsaturated fatty acids is----> Soy bean oil
- Malaise, malar skin, audible friction rub on auscultation of the chest. Anti-Smith antibody and ANA positive. Diagnosis---->Systemic lupus erythematosus
- Male taking betel nuts and pan is most likely to develop----->Submucosal fibrosis
- Male with renal artery obstruction and resultant increased renin secretion will cause----->
 >Angiotensin 2 induced
- Malignant malaria is caused by---->P. Falciparum
- Manages the levels of phosphate and calcium---->PTH
- Manifestation of penicillin hypersensitivity is----> Bronchospasm
- Manifestation of penicillin hypersensitivity is----> Bronchospasm
- > MAP 50 mmhg mechanism which provide best compensation---->CNS ischemic response
- Marker for MI---->CK-MB

The CK-MB isoform of creatine kinase is expressed in heart muscle. It resides in the cytosol and facilitates movement of high energy phosphates into and out of mitochondria. Since it has a short duration, it cannot be used for late diagnosis of acute MI but can be used to suggest infarct extension if levels rise again.

- Mass reflex is in patient with----> Complete transection of spinal cord
- Maximum aortic pressure is during phase of cardiac cycle-----> Slow ejection
- Mechanism of action of Propylthiouracilis-H->Blocks synthesis of thyroid hormones
- Mechanism of reduction in size of organ in chemotherapy is---->Apoptosis
- Medial branch of external carotid artery is---->Ascending pharyngeal artery
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Medial to tendon of biceps is----> Brachial artery
- Median umbilical ligament is a remnant of----> Urachus
- Medicine likely to be given on 3rd post-operative day for moderate pain----> Ketorolac
- Melanoma invade orbital cavity through----> Emissary vein
- Mesothelioma is associated with----->Asbestos
- > Metabolic alkalosis occurs in ---->Hyperaldosternism
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

1

- Metallic taste The most probable medication it is----> Metformin
- Metastasis in Submental and submandibular lymph nodes ---->Ca tongue
- Metastasis occurs due to----> Degradation of E-cadherin
- Metastasis occurs due to---->Degradation of E-cadherin



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- Method to measure GFR is----> Inulin clearance
- Metopic suture in adult life ---->Glabella
- ➤ MHC 1 is recognized by----> CD8+ cells
- Mi patient oliguria, pedal edema, distended jugular pressure, basal crepitation, tender liver and shifting dullness. Diagnosis is---->Congestive cardiac failure
- Microscopic diagnostic feature of 1 lesion is---->Caseous necrosis
- Microscopic examination shows coma shaped organism. What is your diagnosis----> Vibrio cholera
- Microscopic feature of malignant tumor is----> Invasion of adjacent tissue
- Mid thoracic hemi section of spinal cord ----->Spastic paresis and positivity Babinski sign
- Mid thoracic hemi section of spinal cord ----->Spastic paresis and positivity Babrnski sign
- Mid trimester RBCS are produced from---->Liver
- Mid-diastolic murmur, increased PCWP, pulmonary HTN and left atrium hypertrophy. Possiblity of ----> Right ventricular hypertrophy
- Mild HTN wants lifestyle modification The advice shall be----> Salt restriction to 6g-5g/day
- Mine worker with tuberculin test positive with hilar lymphadenopathy. Diagnosis is----> Silicosis
- Misfolded proteins are degraded by --->Proteasome
- Misfolded proteins are degraded by ---->Proteasome
- Mitochondria is self-replicative organelle as they have----> DNA
- MOA by which aspirin decreases pain is——> Decreasing prostaglandin
- MOA of acetazolamide is----> Decreases hydrogen secretion and increase excretion of Na
- conduction of the ventricles MOA of adenosine on heart --->Den
- MOA of Allopurinol ---->Xanthine oxidase inhibitor
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- MOA of Asprin---->.Thromboxane A2 inhibitor
- MOA of benzodiazepine is----> Potentiate GABA receptor
- MOA of captopril----> Inhibit conversion of angiotensin 2
- MOA of digoxin----> Inc intracellular calcium
- MOA of digoxin---->inc intracellular calcium
- MOA of H2 inhibitor/cimetidine ----> Decrease acidity and volume of acid secretion
- MOA of IV potassium treatment----> Na-K pumps
- MOA of Progesterone containing pills in contraception----> Inhibit release of egg
- MOA of propylthiouracil----> Inhibit synthesis of thyroid hormone
- MOA of Spironolactone----> Inhibits Na/K pump
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- Mode of inheritance of polycystic kidney is----> Autosomal dominant
- Mole for mole Na absorption is greatest by .---->Aldosterone
- Mononuclear phagocytosis originates from precursor cells in----> Bone marrow
- Most abundant glial cells in gray matter----> Protoplasmic astrocytes
- Most abundant glial cells in gray matter ---->Protoplasmic astrocyte
- Most appropriate about liver in late fetus---->5% of total body weight

Most appropriated antibodies sequence in diagnosis of multiple myeloma----> iga 15%, igm 18%, igg 23%

- ➤ Most common hepatitis transmitted through sexual contact is---->Hep B
- Most common organism causing pyogenic liver abscess----> E. Coli
- Most common side effect of protamine----> Hypotension

Most common site of peanut lodgment is----- Right inferior lobe

- Most common site of rib fracture is----> Angle
- Most common skin tumor associated with HIV is---->Kaposi sarcoma
- Most imp physiological buffer in blood is----> Bicarbonate
- Cram Statements Inshilah 70 % paper will come from this file. DO not skip this file...
- Most imp prerequisite for transplantation is----> HLA matching
- Most important component of lipid is---> Carbon
- Most important function of progesterone ---->Maintain thickness of endometrium
- Most important in immunity in lung alveoli Alveolar macrophages
 Most important in preventing the person from falling when bus applies break ----> Utricle
 Most important microscopic feature for malignant tumor---->Invasion of adjacent tissue
- Cram Statements Inshliah 70 % paper will come from this file. DO not skip this file...
- Most likely regarding iron absorption---->Absorbed in ferrous form
- Most potent salty taste is produced by----> Taurine
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Most radiosensitive tumor are of---->Lymph node/lymphoma
- Most radiosensitive tumor structure----> Lymph node
- Most radiosensitive tumorstructure---->Lymph node/lymphoma
- Mother bring her child complaining of diarrhea and weight loss. Biopsy shows two nuclei organism which is pear shaped. Diagnosis---->Giardiasis
- Motor nucleus of nerves in Pons ---->CN 5, 6, 7
- Multiple rib fractures. Abdomen is moving more during breathing. Muscle ----> External intercostal



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Muscle take origin only from femur and when damaged cause loss of instability of the knee----

- > Myasthenia gravis shows type of hypersensitivity----> Type 2
 - Mycobacterium cause inflammation----> Pathogenic clue to Cell wall glycoprotein
 - Myelination of nerve fiber of CNS inintrauterine life begins at----> 4 months
 - Nasopharyngeal CA due to---->EBV
 - Naturally occurring alkaloids are ----> Morphine and Codeine
 - Nausea, vomiting and vertigo. This is associate with lesion in----> Dorsal nucleus juxtaposed to vestibular nucleus
 - Neck infection in front of Pretracheal fascia will spread to-----> Anterior mediastinum
 - Necrosis in kidnay----> Coagulative
 - Necrosis occurrs in the brain---->Liquefactive necrosis
 - Necrosis seen in heart and kidney----> Coagulative necrosis
 - Negative free water loss occurs in----> SIADH
 - Negative ionotropic effect ---->Increase pulmonary ventilation
 - Nerve damaged in post triangle----> Accessory nerve
 - Nerve injured in fracture of medial epicondyle of humerus is---->Ulnar nerve
 - Nerve involved in causing Wrist drop---->Radial nerve
 - Nerve involved in ptosis and diplopia. ---->Occulomotor nerve
 - Cram Statements Inshilah 70 % paper will come from this file. DO not skip this file...
 - Nerve lateral to trachea is----> Vagus
 - Nerve of Suprarenal gland ---->Greater thoracic splanchnic nerve
 - Nerve supply of suprarenal gland is from----> Greater splanchnic nerve
 - Nerve supply to Posterior 1/3 of the tongue is supplied by ---->Glossopharyngeal nerve
 Nerve supplying the dura of middle grantal fossa----> Trigeminal nerve
 Nerves fibers arising from ciliary ganglion---->Short ciliary

 - Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
 - Nerves passes through Foramen Ovale ---->Mandibular Nerve
 - Neurogenic Shock occurs due to ---->Loss of Vasomotor tone
 - Neurons in Spinal ganglion----> Pseudo unipolar
 - Neurovascular bundle is present in chest wall between----> Internal and innermost layer
 - Neutrophil increase by----->Granulocyte colony stimulating factor
 - Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

 - Newly diagnosed cases is expressed as---->Incidence
 - No of divisions in lower airway---->23
 - Non bacterial opportunistic organism in burn wound---->Candida
 - Non-adapting receptors---->Pain
 - Normal person with decrease HCL. Result in---->Abnormal protein digestion



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- Nose function in respiration----> Filter an humilification
- Not present in pancreatic secretion---->Enterokinase
- Nuclear membrane is continued----> endoplasmic reticulum
- Nucleus ambiguous lies in---->Medulla
- Old lady with fever, cough with yellow sputum Most likely cause is----> Strep pneumonia
- On 3rd antenatal visit taking ferrous sulphate only. Will she be deficient of---->Folic acid
- On ATT presented with uric acid is raised. Drug----> Pyrazinamie
- On initial patient interview, least likely thing to be done is---->. Open end questions
- On psychiatric medications develops agitation and visual impairment. Causing is----> **Thioridazine**
- On side neck discharging sinus and cervical lymphadenopathy. No growth on blood culture confirmatory test should be done----> Biopsy
- On standing from sitting, his BP decreases from 120/80 to 95/60 and her heart rate increases from 75 to 125 b/m. Mechanism---->increase firing from baroreceptors
- On standing his heart rate increases. Cause----> Dec venous return
- One Bar body present in nuclei/cell of ---->Normal female
- Oogonia starts mitosis-1 during which phase----> 2-6th month prenatal
- Opening of lower esophageal sphincter mediated by----> VIP
- Oral submucosal fibrosis is defined as——> Premalignant lesion
 Organ which removes 70-80% oxygen of at rest ——> Heart
- Organ whose blood flow is controlled by sympathetic rather than local metabolites is---->
- Organism causes lymphogranuloma venerum----> Chlamydia trachom
 Organisms resided in the mucosa causing bloody diarrhea---->C difficle -> Chlamydia trachomatis L1- L3
- Osmotic pressure of solutes depends on lincrease no of particles
- Ost fine touch vibration and proprioception in left leg. Lesion is in----> Nucleus gracilis
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Osteomyelitis of mandible is commonly caused by----->Staphylococcus aureus
- Osteopetrosis causes increase bone density and brittle bones due to ----->malfunctioniong osteoclasts
- P- ANCA granulomatosis vasculitis is associated with---->Hep B
- P- ANCA granulomatosis vasculitis is associated with----> hepb
- Pain from the meninges of middlecranial fossa by----> Trigeminal ganglion
- Pain in left calf on walking and relieved by rest. Involves ----> Popliteal artery
- Pain of appendix is first referred to----> Paraumblical
- Pain of small intestine is felt at----> Umbilicus
- Pain sensations origination from peritoneal irritation by the gastric contents in the lesser sac is by----> Greater splanchnic nerve
- Painless hematuria and was diagnosed as Bladder CA. Organism---->S. Haematobium



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- > Pallor, malabsorption, lowrbc count, anisocytosis and poikilocytosis raised MCV. Part is affected----> Ileum
- Pancreatic trypsinogen enzyme converted to active form trypsin by----> Enterokinase
- Parapneumonic effusion. Lab will be----> Protein 3.5g/dl
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Parasympathetic---->Greater splanchnic
- Parasympathetic nerves supplying the urinary bladder are----> Pelvic splanchnic nerves
- Paresis of limbs due to UMN injury. Site ----> Corticospinal tract and corticobulbar tract
- Parotid gland swelling is found in a patient on examination. On investigation, stones in duct are found. The gland regress due to---->Apoptosis
- Parotid gland swelling is found in mt on examination. On igating stones in duct are . The atrophic changes are dueto---->Apoptosis
- Part of heart behind sternum---->Rt-ventricle
- Part of Portal system----> Superior rectal vein
- > Part responsible for action potential in organ of Corti----> K influx to hair cell
- Partial resection of both recurrent aryngeal nerve occurred. Happen to vocal cords-----> Completely aucte position
- Cram Statements Inshilah 70 % paper will come from this file. DO not skip this file...
- Passive immunity is achieved by——> IV immunoglobulin
- > Patient comes with right optic tract damaged. He will have----> Left homonymous hemianopia
- Patient developed depression and lack of motivation.
 Patient infested with Schistosoma infection DOC in this case will be ----> Praziquantel
 Patient on antimalarial develops cola colored urine. Diagnosis ----> G6PD
- Patient present with heart rate of 25and wide QRS complex, where is the pacemaker located-
- Patient with >5 yr asthma shows----> VT 300, FEV1 is 2000, FVC3200
- Patient with abdominal bloating and foul smelling stools. Investigation---->h. Stool R
- Patient with DKA treated with insulin, increase in----> ph
- Patient with hypoxia, PO2 55mmhg, Hb 16, no history of poisoning or blood loss. Diagnosis-----> Hypoxic hypoxia
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Patient with muscular weakness and ptosis. Cause----> Antibodies against Ach
- Patient with muscular weakness and ptosis. Cause is----> Antibodies against Ach
- Patient with muscular weakness and ptosis. X-ray shows a mass. Cause is---->Antibodies against ach Anti-smooth muscle antibody



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- Patient with severe chest pain and sweating. Drug for thrombolysis----> Streptokinase
- Patients exposed to smoking vs. Other subjects that are not. Study---->Cohort
- Pendular knee jerk occurs in ---->Cerebellar dysfunction
- Percussion of the posterior aspect of the chest along the scapular line in sitting position resonates most likelytill which rib---->10th rib
- Peripheral film showed oval macrocytes along with hyper segmented neutrophils. Diagnosis is---->. Aplastic anemia
- Peripheral neuritis is caused by---->INH
- Peripheral smear shows hematocrit 30% with low MCV. This occurs in----> Sickle cell anemia
- Person awake with eyes closed, EEG will show which waves----> Alpha waves
- Person with decrease HCL. Result in---->Abnormal protein digestion
- Petechiae on normal bumping, platelets were 10lac+. Cause----> Myeloproliferative disorder
- Ph. 7.2, pco2 60, HCO3 25. Diagnosis——> Acute respiratory acidosis
- > Ph. 7.2, pco2 60, HCO3 25. Diagnosis---->Acute respiratory acidosis
- Phagocytic cell which presents antigen to lymphocytes---->Monocytes/macrophages
- Phagocytosis is initiated by---->c3b

Phagocytosis is initiated by----> Pharyngeal phase of swallowing----> Vocal cord moves approximate

- Physiological shunt will be present when V/Q is----> Zero
- Pillars of Medical Ethics——> Autonomy, Beneficence, non-maleficence and justice
- Plasma conc is 10 mg/dl, urine conc. 100 mg/dl, urine flow2 ml/min, Clearance ----> 20 ml/min
- Pleomorphism, Rete ridges, loss of polarity and increased nuclear to cytoplasmic ratio. Diagnosis----> Verrucous CA
- > Portion of interventricular septum is supplied by----> Anterior interventricular
- Positive feedback is----> Child birth

Posterior duodenal ulcer erode into which vessel----> Gastroduodenal artery

- Posterior relation of uncinate process of pancreas----> SMA
- Posterior side of tongue taste sensation go to----> Tractus solitarus
- Posterior thyroid is spared to avoid damage to----> Parathyroid gland
- Postsynaptic Ach receptors problem occurs in ----->Myasthenia Gravis
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- >
- Potent Chemotactic agent---->c5a
- Potential recorded after stimulating nerve trunk depolarization is----> Compound action potential
- > PR interval shows---->AV node conduction
- Preganglionic sympathetic fibers to adrenal medulla is ---->Cholinergic
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- Pregnant female present with biliary colic. Enzyme most likely raised will be----> GGT
- Pregnant lady diagnosed as mitral stenosis with atrial fibrillation. Drug should she ----> Beta blocker

Pregnant Lady duringdental procedure. Dr asked her for left lateral position to prevent compression of---->IVC

- Pregnant lady RH positive and husband RH negative. ----> No need to worry
- Pregnant lady with complaints of increased water intake, urination and increased thirst. Strange behavior changes reported.Lesion in----> Hypothalamus
- Pregnant lady with increased frequency and burning of micturition along with high grade fever. The most probable diagnosis is---->UTI
- Pregnant lady with ITP, Pit 5^10 already on high dose steroids. Best step---->I/V Immunoglobulin
- Premature baby of 25-week gestation with ARDS----> Increase surface tension
- Preoperative BP control in Pheochromocytoma.---->Alpha 1 & beta blocker
- Preprohormone----> PTH
- Pre-requisite for renal transplantation--->HLA matching
- Presented on 18th day of menstrual cycle. Which phase will she be in---->Secretory
- Pretectum lies----> At the level of superior colliculus
- Prevent Tetanus in a population by giving—Tetnus toxide
- Prevertebral fascia abscess drains into ---->Superior mediastinum
- Previous Pregnancy with fetal hemorrhagic disease Investigation at 28 weeks----> Serial maternal antibodies
- Primary amenorrhea, normal secondary sexual characteristics and imperforate hymen and absent uterus and ovaries. Diagnosis ----> Testicular feminization
 Primary amenorrhea. On U/S absent ovaries & uterus were seen. Cause is----> Testicular
- feminizing syndrome
- Primary dehydration change in ECF is----> Hypertonic
- Primary oocytes complete their first meiotic division---->Before ovulation
- Primary TB granuloma complex is----> Granuloma with surrounding lymphatic
- Primordial germ cells derived from----> Epiblast
- Primordial germ cells of yolk sac migrate to gonadal ridges in which week-----> 6lh week
- Principal body defense cells against tumor----> NK cells
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- Principal body defense cells against tumors---->NK cells
- Problem in the pyramidal tract will cause---->loss of Motor function
- Productive cough and low grade fever at night with night sweats for 3 months. Cause is----
- Progression of disease is estimated by ----> Predictive validity
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- Progressive respiratory illness in chronic Diabetics .----> Mucormycosis
- Prolactinoma cells---->Acidophils
- Prostaglandin function in stomach is----> increase parietal cell aci secretion
- Proteins cannot pass throughbasement membrane due to ---->Negative charge
- Proteinuria is due to----> Glomerular basement membrane damage
- Proteinuria of 3.6 gm/day came with generalized edema. Cause of his edema----> ecrease colloi osmotic pr essure
- Proteinuria of 4.3 gm in 24 hours. Underlying mechanism of edema is----> Decreased colloid oncotic pressure
- Pt aspiration pneumonia has chest pain, dull percussion in area medial to the medial border of scapula on elevation of arm. Part of lung affected---->Right apical lobe
- Pt complains of paralysis of orbicularis oris. Nerve is ---->Mandibular branch of facial nerve
- Pt developed lung abscess due to---->Staphylococcus Aureus
- Pt died pulmonary congestion due to mitral stenosis. On autopsy, the alveoli will be lined by-----> Heart failure macrophages
- Pt has pulmonary embolism that completely blocks blood flow to his left lung. Will occur----> Alveolar po2 in the left lung will be approximately equal to the po2 in the inspired air
- Pt lost 2L water by sweating and replaced by 2L pure water. What will happen ---->. Decrease ICF osmolarity
- > Pt on ATT cant differentiate red and green. Drug responsible----> Ethambutol
- Pt on HRT sister dying of breast cancer. Sheis at increased risk of developing---->Breast cancer
- Pt on TB cant differentiate red and green color. Drug responsible---->Ethambutol
 Pt to physician saying he is having problem in bed. Next step question should be----> Ask the pt what kind of bed problem they are having
- > Pt with chest pain, dysphagia, vomiting and difficulty in belching. ECG normal and CXR shows air fluid level in esophagus. Likely diagnosis----> Esophageal Achalasia
- Pt with chills, fever, vomiting, abdominal pain and hepatosplenonegaly. Organism identified with Giemsa stain. Organism----> P. Falciparum
- Pt with ECG revels S1, Q3, T3 pattern. Next step in investigation is ---->Gallium scan
- Pt with heart failure came to ER with complains of shortness of breath and basal crept. First treatment----> Inj furosemie
- Pt with MI with B/L swelling of legs. Hb 15 and bilateral edematous legs with bluish discoloration. Cause---->Cardiopulmonary failure
- Pt with multiple violaceous nodules on shins and lacy buccal lesions in mouth. Condition is -----> HCV
- Pt with severe vomiting Labs showed hypochloremia, hyponatremia and hypokalemia... Diagnosis---->Metabolic alkalosis



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- Pt with sore throat, fever for 6 days. Jugulo-digastric lymph node are enlarged. Likely cause-----> Palatine tonsil
- > Pt. With raised urea creatinine. Drug contraindicated ---->Gentamicin
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- PTH action on renal tubules----> Inhibit phosphate absorption in PCT
- Puberty is caused due to----> Increase prouction of gonaotropin
- Pulmonary anthrax infection. DOC is----> Ciprofloxacin
- Pulmonary artery supplies ---->. Alveoli
- Pulmonary disease patient require high pressure to fill the lung, patient have----> Decrease compliance
- Pulmonary nodules in silicosis. Mechanism ----> Giant cell formation
- Pulmonary valve opens when right ventricular pressure exceeds----> 8 mmhg
- Pulse pressure increases in which condition----> Thyrotoxicosis
- Put on warfarin, first factor to be decreased----> Factor 7
- Radiation usually cause cancer after > 10 years.
- Radiological finding show dilated segments. Colonic biopsy finding reveal absence of ganglion cell. Cause----> Hirschsprung disease
- Rathkes pouch develops from ---->Stomodeum of foregut
- Raynauds phenomenon ANA positive. Diagnosis----> Progressive Systemic Scleroerma
- Recently diagnosed with DM. Its his 1st visit to a doc, what drug should I he be started ---->Biguanides
- Receptors abundant on tip of finger——> Meissner
 Re-entry circuit is present in——> Paroxysmal nodal tachycardia
- Reflex for defecation is----> Rectoanal

Reflex has a Polysynaptic reflex arc----> Cremasteric

- Regarding adverse effect of drug, which is correct---->Variable
- Regarding Aplasia---->Failure of cell production
- Regarding articular cartilage----> On epiphysis of long bones in synovial joints
- Regarding Atherosclerosis----> Due to internal plaque
- Regarding Bioavailability----> The amount of active drug reaching bloca
- Regarding Bronchial Asthma, the most probable finding will be---->FEV/FVC < 65%
- Regarding Bronchopulmonary segment----> Aerated by tertiary bronchus
- Regarding central retinal vein----> Occlusion cause slow painless blindness
- Regarding compact bone----> Circumferential lamella form osteon
- Regarding Complete H. Mole----> 46XX
- Regarding Essential hypertension----> Increase 02 consumption
- Regarding extensive Crohns disease, which is true---->Surgical resection is the management
- Regarding Goblet cells----> In Columnar epiermis



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- Regarding Hemophilia----> Intrinsic pathway defect
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- Regarding iron absorption----> Heme is readily absorbed
- Regarding iron absorption----> Heme is readily absorbed
- Regarding K,---->98% is intracellular
- Regarding optic tract---->Visual cortex receives visual input from neurons with cell body in lateral geniculate body
- Regarding parasympathetic stimulation, which is correct---->Increase PR interval
- Regarding Positive predicted value----> Find positive true in positive patient.
- Regarding QRS complex on ECG, which is true---->Occurs due to Ventricular depolarization
- Regarding S2---->Isovolumetric relaxation
- Regarding smooth muscles---->Has layers of circular andlongitudinal muscle
- Regarding spinal nerves----> Exit from intervertebral foramen
- Regarding Synchondrosis ----> In between the joining bone there is plate of hyaline cartilage
- Regarding Vibrio cholera ---->Resistant to alkaline medium
- Regarding Vit D3----> Animal origin
- Regeneration of liver is ----> Hyperplasia
- Relation of jugular vein is with---->Sternocleidomastoid
- Renal column contains---->. Interlobar arteries
- Renin in the circulation originates mainly from---> Juxtaglomerular cells
- Renin secretion is increased, it causes vasoconstriction by increasing the concentration of----->Angiotensin2
- Reperfusion injury due to free radicals produced by which cells ---->Neutrophils
 Resting membrane potential is maintained by Na/K atps pump
- Resting tremors have loss of neurons in which area of the brain ----->Substantia nigra
- Result opposite to initial change is .----> Negative feeback
- Retinal artery thrombosis, sequel----> Infarction
- Rh hemolytic anemic baby received exchanged transfusion. Developes diarrhe and rash on arm spreading to body. Diagnosis---->Graft versus host disease
- Rheumatic disease young pt, now have pan systolic murmur, spleenomegaly, clubbing and fever. Treatment---->Inj. Penicillin and gentamycin
- Rheumatic mitral stenosis developed fever, lafter tooth extraction. Organism ----> Strep viridians
- Rice water diarrhea followed by vomiting, rapiddehydration, muscular cramps.---->Vibrio
- Right bronchial artery is a singleartery branch of-----> 3rd posterior intercostal artery
- Right gastroepiploic artery is a branch of---->Gastroduodenal



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- Right hemiplegia and deviation of mouth to left and drooling of water on swallowing. Lesion is at---->Left internal capsule
- Right ovarian vein drains into---->IVC
- Right ovarian vein drains into---->IVC
- Right shift of the Oxy-Hb curvewill result in decrease of----> ph
- Right sided paralysis, mouth deviated to left side and salivation while swallowing. Damage in---->Internal capsule
- Right supra renal vein drains into---->IVC
- Right weakness of the body and double vision on seeing left. Lesion in----->Mid brain
- Rightgastric artery is a branch of---->Hepatic artery
- Rigidity of facial muscle with tremors in hands. Lesion in---->Substantia nigra
- Rigidity, mask face, spastic limbs. Lesion in----> Substantia nigra
- Risk of estrogen use---->DVT
- Role of testosterone during puberty is——> Thickening of laryngeal cartilage and deepening of voice
- RTA blood loss, GFR decreased due to decrease in----> Arterial blooc pressure
- > RTA loses 1.5liters of blood during first hour. What type of anemia---->normocytic normochromic
- Runner develop acute leg pain while running and develops ecchymosis----> Rupture Plantaris tendon
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- > S1 related to which phase on ECG----> QRS
- S2 (heart sounds) as compared to S1 has---->high frequency
- S2 compared to S1 heart sound———> Higher frequency
- > S3 sound is produced by----> Rapid filling of ventricle
- > SA node acts as a heart pacemaker because of----> Generates impulses at faster rate
- > SA node acts as a pacemaker of heart because---->Generates impulses at the faster rate
- Saddle nose, granulomatous perforating lesion of nasal septum, vasculitis. Cause---- Wegener granulomatosis
- Sarcoidosis is diagnosed ----> Granuloma with asteroid
- > Saw tooth appearance on ECG with QRS complex after 3 P waves----> Atrial flutter
- > Saw tooth appearance on ECG. Diagnosis----> Atrial flutter
- Secondary peristalsis food bolus cause----> Induce peristalsis via myenteric plexus
- Secretory hormones from neurohypophysis are stored in---->. Pituicytes
- Seen in Diabetes Insipidus---->Reduced urine osmolality
- Segment visible first on bronchoscopy----> Right inferior bronchus
- > Semi-circular canal to right----> When the head tilts to right
- Semi-circular canals in cortex of ear are maximally stimulated----> Doing cartwheel



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- Sensory ataxia occurs due to lesion of---->Contralateral thalamus
- Shopkeeper collapsed with thin and thready pulse. BP was 80/40, gives history of sudden crushing chest pain before collapse. Diagnosis ---->Massive Pulmonary Embolism
- Short stature kid, protruded tongue, muscles and joints hyper-flexibility, and upward slanting of epicanthal fold. Chromosomal abnormality ---->Trisomy 21
- Short term function of aldosterone----> Increases permeability of NA and K in cortical collecting tubule
- Shortest acting benzodiazepine----> Midazolam
- Shortest acting benzodiazepine----> Midazolam
- Shortest pre erythrocytic phase----> Falciparum
- Shows metaplasia----> Vit A deficiency
- Side effect of Tricyclic antidepressant is----> General tonic clonic seizures
- Sign of Irreversible cell injury----> Lysosomal enzyme release
- Sign of primary adrenal insufficiency is——>Hyperkalemia
- Significantly raised AFP is characteristic of----> Hepatocellular Ca
- Single most appropriate injection for schizophrenic pt with aggressive behavior and hallucinations ---->Haloperidol
- Sinking down. On ECG, there is decreased amplitude of T waves. Cause is----> Hypokalemia and hypocalcemia
- Site of intrinsic factor secretion---> Gastric fundus
- Skin abscess with S. Aureus. Repeated abscesses. Explanation of her repeated infections is---- Defective NADPH oxidase
- Skin cancerassociated with HIV is---->Kaposi sarcoma
- Skin rash on both shine and hilar LN and eye involvement. Diagnosis is----> Lofgren syndrome
- Slow movement of left vocal cord, Nerve damaged----> Lt Recurrent Laryngeal
- SMA is occluded resulting in abdominal angina, which structure is spared----> assending colon
- Small cell Ca lung causes---->SIADH
- > Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

Small cell Ca lung causes----> SIADH

- Smoker working in a plastic factory Diagnosed as bladder Ca. Most likely cause----> Smoking
- Soldier posted at high altitude. PCV raised. Cause is----> Secondary polycythemia
- Somatostatin acts on beta cells by----->Paracrine
- Special afferent nerve fiber ---->2nd nerve (optic nerve)
- Specific dietary carcinogen for esophageal carcinoma is----> Nitrosamine
- > Specific serum marker for MI ---->Troponin I
- Spermatogenesis is stimulated by----> FSH and testosterone
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- Spinal cord is suspended in dura by ---->Denticulate ligament
- Spinal cord lesion at C7----> Contralateral loss of pain and temperature below lesion
- Spinal nerves type---->mixed nerve
- Splitting of S2 sound increase by----> Delayed closure of pulmonary valve
- Spore forming bacteria----> Clostriium

Stage of sleep do theta waves appear on EEG----> Staging is a method of determining----> Degree of differentiation

- Staph Aureus virulance is identify by----> Coagulate activity
- Statistical sequence of p value for cut off----> Less than 0.05
- Step for prevention must be taken in ICU----> Frequent hand cleaning.
- Stimulation of sympathetic causes----> Constrict GI sphincter
- Stratified squamous epithelium is in---->Palatine tonsil
- Structure closest to crus cerebri is----> Substantia nigra
- > Structure damaged when the needle is inserted at the lower border of rib----> Nerve
- Structure passes thru aortic hiatus ----> Azygous vein
- Structure related anterior to hilum offt, Kidney--->Second part of duodenum
 Submandibular gland lies between ---->Btw digastric anterior belly and mandible
- Sudden purposeless jerky movements of his arms. Lesion is in----> Caudate
- Suffering from primary syphilis. Sample is taken from---->Genital sores
- Suffering from primary syphilis. Sample is taken from----> Genital sores
- Superficial cardiac plexus are made by---->Left vagus
- Superficial fascia of the scalp is mixture of _____ Loose areolar and adipose tissue
- Superior rectal artery is a branch of ----->Inferior mesenteric artery
 Supply of AV septum mainly is from for Anterior interventricular artery
- Supply of blood to parathyroid is from Superior and Inferior Thyroid Artery
- Supply of nose and the area between mouth and orbit and temporal region. ---->. Maxillary branch of trigeminal nerve
- Supply to adrenal medulla is from---->Greater thoracic splanchnic
- Supporting cell of par nervosa ----> Pituicytes
- Supporting cells in pars nervosa are----> Pituicytes
- Surfactant are secreted by----> Type II pneuinocytes
- Surgical gloves allergy is due to----> Polyisoprene (latex)
- Sweating and a generalized body rash after penicillin inj. . Which antibody is involved----> ige
- Swelling of Jugulo-diagastric lymph nodes occurs in ---->Palatine tonsil
- > Sympathetic cholinergic stimulation causes----> Vasodilation in skeletal muscle
- Sympathetic cholinergic stimulation causes---->Vasodilation in skeletal muscle
- Sympathetic regulation occurs instead of local metabolites---->Skin
- T test is used----> To compare 2 categories/groups



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- > Tachycardiac during exercise and stress, settles down with rest. Diagnosis ---->Sinus tachycardia
- Tachypnea, RR22, hypotension, hypochloremic, hyponatraemia and hypokalemia after severe diarrhea. Diagnosis---->Metabolic alkalosis
- Taking diet rich in proteins and carbohydrates but deficient in fruits and vegetables. Reason for poor wound healing is----> Decrease Collagen tensile strength
- Tall T waves with wide QRS complex and absent p waves. Diagnosis----> Hyperkalemia
- > TB antibody---->Cell bound
- Tears composition differ from plasma in---->Tears have moreaminoacids
- Tendon struck with hammer results in ---->Exciteation of nuclear bag at end of muscle spindle
- Test excludes completely non affected person is---->. Incience
- Test advised initially in cervical dysplasia useful and cost effective---->Pap smear
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...
- > Test cose of Edrophonium relievos symptoms. Next ----> Increase Neostigmine dose
- > Test dose of Edrophonium relieves symptoms. Reasonable approach ----->Increase **Neostigmine dose**
- Test for monitoring heparin---->APTT
- Test to monitor anticoagulant---->INR
- Testicular mass with mature cells and tissues and all 3 germ layers Diagnosis----->Teratoma
- Thalassemia---->. Efect in globin chain synthesis
- > The most important factor for healing by primary intention----> Close approximation of edges by sutures edges by sutures

 The afferent component of corneal reflex is mediated by----->Trigeminal nerve
- The amount of co2 dissolved in plasma at45mmhg is---->0.027
- The body will response to hypothelamic high temperature setpoint----->Sweating
- The compression of optic chiasma by pituitary tumor causes---->. Bitemporal hemianopia
- The conducting system of the heartlies in---->Sub endocardium
- The distance of two separate stimuli is greatest on----> The back of scapula
- The feature of a UMNL is---->Hyper reflexes
- The finding which supports atrial Fibrillation most is---->. Irregular R-R interval
- > The Gut-Brain stimulation for Myenteric plexus through which hormone---->Acetylcholine
- The GVE (general visceral efferent) of vagus nerve nucleus is----> orsal nucleus
- The half-life of a drug is 10 hours which is given in a continuous infusion. The steady state will be reached in how many hours---->60
- The HIV confirmatory test in baby of a HIV positive mother is----> HIV PCR
- The individuals with autosomal dominant disease who dont express it phenotypically----> Incomplete penetrance
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- > The levels of which hormone remains normal during pregnancy----> Growth hormone
- > The levels of which hormone remains normal during pregnancy----> Growth hormone
- The most common presentation type of G6PD is----->Acute Intravascular hemolysis
- The most important criteria for diagnosis of malignancy is---->Metastasis
- The most important function of progesterone is----> Proliferation of endometrium
- The muscle which increase the transverse and anteroposterior diameter of thorax is ----> External Intercostal
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>

- The neurotransmitter which is secreted at autonomic ganglia is---->Ach
- > The oocyte released during ovulation is called---->Secondary oocyte
- The parasympathetic supply of heart is via----> Vagus nerve
- > The posterior thyroid is spared surgery to spare which organs----> Parathyroid gland
- > The presence of normal pancreatictissue in gastric mucosa is termed as----> Choriostoma
- The rate and duration of inspiration is controlled by---->Pneumotaxic center
- > The roof of the anterior horn of the lateral ventricle is formed by-----> Body of corpus callosum

The secondary oocyte is formed under the influence of ----> FSH

- > The supporting cells in pars nervosa are----> Pituicytes
- The supporting cells in pars nervosa are---->Pituicytes
- The total number of atps produced by complete breakdown of 1 glucose---->38
- The type of hypersensitivity involved is after TB vaccine given is---->Type 4
- > Thenar atrophy and lateral three and a half finger involved, diagnosis----> Carpel tunnel
- > Therapeutic index of drug indicates----> Safety
- > Thiamine deficiency causes----> Poly neuropcitling
- > Thiazide diuretics causes----> Hypokalemia
- > Thick mucoid sputum jelly like. Organism ----> Klebsiella
- Thirst is stimulated in activation of renin angiotensin system due to----> Angiotensin 2
- Thoracic cavity of infant---->At birth thoracic cavity is circular
- > Thoracic Vagotomy results in---->Dec Gastrin secretion
- Thoracolumbar outflow is---->c. Sympathetic
- Thrombocytopenia in Children after Acute Viral infection due to ----->Antibodies against platelets
- Thromboxane A2 is secreted by----> Platelets
- Thromboxane inhibited by----> Aspirin
- Thumb is adducted and laterally rotated. Which nerve is damaged ---->Median nerve
- Thyroid gland is enclosed by ----> Pretracheal fascia
- > Thyroid gland is enclosed by fascia---->Pretracheal fascia
- Thyroidgland is enclosed by the following fascia---->Pretracheal fascia



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- > Thyrotoxicosis came to you with increased heart -rate. Best treatment----> Propanolol
- Thyrotoxicosis presented in ER with heart rate 180 b/min and ECG shows RR interval pulse.
 DOC will be---->Beta blocker
- > To diff btw gallbladder and colon under microscope.----> Muscularis mucosa in colon
- To treat hypokalemia, I.V potassium infusion is advised. MOA of I.V potassium infusion in this patient is through---->Na-K pump
- Tongue gets deviated to one side. Lesion is at the level of----->Hypoglossal nucleus
- > Total CSF production daily is ---->450 ml
- Total number of ATP produced by one Glucose---->38
- > Total volume of ICF in 70kg adult man---->28 Liters
- Toxin produced by streptococcus pneumonia is----> Streptolysin O
- Tractus Solitarius upper area afferent fibers----> CN7
- > Transformation of macrophages to epithelioid cell is due to----> Interferon gamma
- > Transient adhesion of WBC to endothelium---> Selectin
- > Transplant rejection due to----> CD 8
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- > Transverse colon is posteriorly related to---->2nd part of duodenum
- > Trauma to Anterior branch of middle meningeal artery, blood in ----->Dura Calvaria
- Trauma to floor of occipital triangle cause damage to ---->Vertebral artery
- Treatment CLD with hematemesis——>Inj octreotide
- Treatment of status epilepticus is---->diazepam
- True about CSF is----> Dec glucose than plasma
- > True regarding meiotic division is---->Prophase is longest
- > Truncal vagotomy result in----> Delays gastric emptying
- > Truncal vagotomy result----> Delays gastric emptying
- Truuma to one kidney without thean perforation of Gerotas fascia, the blood I goes to----->Interiorly to the pelvis
- T-state configuration of Haemoglobin will decrease affinity of---->O2
- Tumor involvement of submental and submandibular lymph node----> Tongue
- > Tumor marker for B cell ---->CD 19/CD 20
- Tumor marker for Ca colon----> CEA
- Tumor marker of adenocarcinomaof colon---->CEA
- Tumor marker of Astrocytoma is----> GFAP
- > Tumor marker of breast carcinoma---->Ca 15-3
- > Tumor marker of ovarian cancer---->CA125
- Tumor marker of ovarian carcinoma----> Ca 125



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- Tumor marker of ovarian tumor---->CA 125
- > Tumor of results in involvement of Submental and submandibular lymph nodes---->Tongue
- Turner syndrome----> 45X0
- Two groups one with CHD and associated risk factor is compared to another group with CHD but no associated risk factor. What type of study is it----> Cohort
- Two-point discrimination increase by----> Lateral inhibition
- > Type 1 hypersensitivity with eosinophilia. Cause----> Liver fluke
- Type of cell with no basement membrane----> Ependyma
- Type of joint present in intervertebral disc is---->Symphysis
- > Type of Necrosis in brain----> Liquefactive necrosis
- > Type-A personality have ---->. Social stress/ social withdraw
- Tyre factory worker, exposed to hydrocarbons. Risk of----> Bladder Ca
- Umbilical arteries in fetus---->2
- > Unable to distinguish between red and green colour. The defect is----> Protanopia
- Unable to extend his metacarpophalangeal joint, abduct and extend his thumb nerve is damaged----> Radial nerve
- Unable to knee flex, which muscle is damaged----> Long head femoris
- Unable to open her mouth or jaw because of tetanus, muscle involve---->Lateral pterygoid muscle
- Unable toextend his metacarpophalangeal joint, abduct and extend his thumb, sensation is intact, which nerve is damaged——-->Radial nerve
- Unconjugated hyper bilirubin levels 47. Diagnosis is----> Gilbert synrome
- Uncoordinated and random movements of hand and motor apraxia. Lesion is in---->
 Premotor cortex
- Cram Statements Inshilah 70.% paper will come from this file. DO not skip this file...

>

- Universe means---->Population
- Unmyelinated nociceptor afferent fibers relay in spinal cord ----> Ventral Spinocerebellar
- Ureteric bud arises from ---->Mesonephric duct
- Urine culture shows lactose fermenting and indole positive organism. Organism---->E coli
- Utricle hair depolarization due to---->K+ influx
- > Vascular layer lies over Chorion enrich in lipids and glycogen----> Decidua basals
- Vascular vasoconstriction caused by---->ADH
- Vasodilatation and hypotension are features of ----> Septic
- Veins acts as reservoirs---->High capacitance
- Veins can store more blood than arteries due to increased----> Compliance
- Ventricular extra systole, the next normal ventricular contraction that occur after extra systole would produce----> Increase pulse pressure due to increase in contractility of ventricle



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- Vessel accompanying LAD in anterior interventricular groove. Vessel is-----> Great cardiac
- Vessel proliferation is by substance drived from macrophage---->PDGF
- Vibrio cholera causes diarrhea by which mechanism---->Increase CI channel opening
- Vibrio Cholera mechanism of causing diarrhea is ---->Increase Chloride secretion from secretory cells of intestine
- Vibrio cholera ---->Transmitted by water and uncooked food
- Virology shows Anti-HCV +. Next investigation---->PCR RNA
- Virulence of Staph Aureus is due to----> Coagulate activity
- Virus cause cancer by----> Proto oncogene
- Visual and auditory damage, problem in---->Tectocerebellar tract
- Vit A given for specific group of diseases. Type of prevention ----->Specific protection
- Vit deficiency cause Homocysteinemia----> Vit B12
- Vit E deficiency causes----> Hyperkeratosis
- Voluntary inhibition of micturition is by----> Increase firing in pudendal nerve
- Vomiting centre is located in----> Medulla Oblongata
- VPL Nucleus of Thalamus injury cause---->Contralateral somatosensory lost
- Warfarin ..toxicity treatment---->FFR
- Warmth receptors ----> Long Receptive Field
- Wasting of other small muscles of the hand suggest a lesion of----->Ulnar nerve

Water enters into the cell----> pores

- Weak pulses in his right hand and fracture of right first rib. Arteries will be damaged----> Subclavian
- Weak radial pulse with diastolic murmur-----> April regurgitation
 Weakness of left flexor halluces longus and diminished ankle jerk. Compression of -----> S1

Weight gain despite loss appetite, uses warm clothes in hot summer and intolerance to cold. Best investigation will be----> Well- trained athlete, there is increase in----> Stroke volume

- Welling at the angle of mandible, fever, nausea and painful testis. Diagnosis----> Mumps
- What is the most common cause of pernicious anemia----> Autoimmune atrophic gastritis
- What is the most probable location of ectopic salivary glands---->Buccal vestibule
- What segment of ECG coincide with a-wave of JVP---->
- When the hypothalamic temperature is set higher than the body temperature then will decrease---->Shivering
- Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- Which Anti TB drug is bacteriostatic---->Ethambutol
- Which drug increases the esophagealsphincter tone and gastrointestinal motility----> Metoclopramide



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- Which hormone increases in the mid luteal phase----> Progesterone only
- Which phase of cardiac cycle affected by increase heart rate---->Reduced ventricular filling
- Which regarding psuedostratified epithelium is true----> All cell reach basement membrane
- Which virus has an association with Burkitt lymphoma----> EBV
- White blood cells enter the lymph node through----> Sub capsular afferent lymphatic
- Will increase heart rate---->Bainbridge reflex
- Women with recurrent abortion and normal APTT. Diagnosis---->Antiphospholipid syndrome
- ➤ Working in a tire factory present with hematuria---->Aromatic amines
- Worm for rectal prolapse in children----> Trichiura Trichuris
- > Wound healing beyond originalwound margins---->Keloid
- Wrist drop, nerve is damage---->Radial nerve
- Wrist pain and numbness in index and ringer finger. Which hand muscle will likely be effected----> Adductor pollicis brevis
- Wait lifter suddenly give way and drops the weight to the floor. Receptors responsible for this sudden muscle relaxation——— Golgi Tendon Organ
- X linked recessive disease----> Duchene muscular dystrophy
- Xerostomia, keratitis, dry eyes. Diagnosis ---->Sjogren
- > Yellow sclera after drug intake. Which enzyme is deranged ---->ALT
- Young sexually active male presented with UTL likely organism involved is----> Chlamydia
- Zona giomerulosa of adrenal gland controls secretion of ----> Aldosterone

first branch of the external carotid artery ---> Superior thyroid artery

- ➤ Index of TPR---->MAP
- > most important function of endothelium in prevention of coagulation normally ----> Synthesis of prostacyclin
- > most potent---->OH

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- > necessary for development of semiferous tubules ---->FSH and Androgens
- not transmitted by faecooral route ---->Trichnilla Spiralis
- part of levator ANI ----> Puborectalis
- > role of HCG in pregnancy ---->Testosterone in fetus
- seen with LMN lesion ---> Muscle wasting
- suppressor gene ---->P53
- > transmitted via feco-oral route ---->HepE
- > type of joint between inter vertebral disc ---->Symphysis
- ➤ Pituitary gland---->Lateral above sellae turcica
- ➤ Plasma cells form---->Gamma globulin
- ➤ Plasma proteins are normalized after hemorrhage in ---->3-4 days
- ➤ Plateau of action potential is due to---->Ca influx



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- ➤ Pleural plaque---->Asbestos
- ➤ Pleurocentesis is carried out in---->9 ICS IN mid Axillary line
- ➤ Polyarteritis nodosa diagnosis by---->Fibrinoid necrosis
- > Polyarthritis or vasculitis is diagnosed by on microscopy ----> Fibrinous Necrosis
- ➤ Polycythemia can cause----> Thrombosis
- ▶ Pons contain nuclei of following nerve---->5,6,7
- ➤ Porto systemic shunt----> Lower esophagus
- > Post ganglion sympathetic fiber are---->Adrenergic with few exception
- ➤ Posterior column medial lemniscal carries ----> Vibration
- > Potent HI antagonist---->Chlorphineramine
- ➤ Potent stimulus for growth hormone is ---->Exercise
- Potent stimulus of gastric secretion is----> Proteins (amino acids)
- > Pregnancy---->Inc vital capacity
- > Pregnant lady should sleep on left lateral position and not to right due to ----> Compression of inferior vena cava
- > Pregnant lady with jaundice what is best diagnostic test ---> GGT
- > Premalignant condition in mouth----> Lighen planus
- > Pre-malignant lesion of oral cavity----> Oral sub mucosal fibrosis
- > Pre-malignant lesion or cervical intraepithelial neoplasia shows Dysplastic ----> Carcinoma in situ
- > Premalignant lesion, which lead to SCC and need excision ---->Actinic keratosis& Bovens
- Pre-mature baby will develop---->PDA
- > Pre-op H2 blocker is given to----> Decreased acid secretion & decrease volume
- Prevalence of o blood group in Caucasian population ---->0.47
 Primary cartilaginous joint---->Covered by layer of hyaline cartilage

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- > Primary metabolic function of insulin is ----> Causes to glucose shift intracellular in skeletal and some tissues
- > Primary syphilis lesion for investigation specimen should be taken ----> From genital sores
- Primordial germ cells are derived from ----> Endoderm of yolk sac
- ➤ Primordial germ cells derived----> At the end of 3rd week
- Primordial germ cells migrate from---->Epiblast
- Primordial germs cells derived from---->Ectoderm
- > Progesterone and estrogen is produced in last 7 months of pregnancy---->Placenta
- > Progress to grade 4 hepatic encephalopathy ----> Diuretic
- Progressive PR prolongation + miss a beat ---> Mobitz type 1
- Projecting fibers are found in---->Internal Capsule
- > Prolonged oxygen therapy, patient may develop ----> Spontaneous pneumothorax
- ➤ Propylthiouracil given in hyperthyroidism it decreases oxidation of ---->lodide



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- > Propylthiouracil is the drug of choice for ----> Graves disease
- > Prostacyclin secreted by endothelium---->Inhibit plate aggregation
- > Prostaglandin E2 F2 D2 effect---->vasodilation
- > Protein requirement---->lg/kg
- > Proton gradient is there for Organelles ----> Mitochondia
- > Proximal part of small intestine removed decreased ----> Bile acid secretion
- > Pseudomembranus colitis treated by---->Oral vancomycin
- > Pt- 46xx and ambiguous genitalia----> Congenital Adrenal Hyperplasia
- ➤ Patient B.P is 150/110 inc renin level in left renal vein and decrease renin level in right renal vein. What is diagnosis ---->Left Renal Artery stenosis
- > Patient BP 90/70 and with multiple s/s, what to do first --->Fluid replacement
- ➤ Patient came with complaint of a nodule on hand/arm. It was dark, pigmented & had irregilar border (seemed like melanoma). Risk factor eas asked ---->UV light/ Rays
- Patient doctor relationship---->Mutual trust
- > Patient e blood group which is present on its cell membrane ---->A- agglutinogen
- > Patient fainted, BP 145/90 Pallor Hb 6.7, Anemic ---> Anemic
- > Patient had abrasion while playing cricket first step in hemostasis----> Vasoconstriction
- > Patient had hysterectomy post c-section and which is followed by chemotherapy, event will occur in thiB case ----> Apoptosis
- > Patient had pale infarct following---->Ischemia (thrombotic) stroke
- ➤ Patient had RTA with fracture of pelvis and Rt femur with is open fracture left tibia vital B.P 60/40 RR16 / Min pulse 20/min now the first step in Mnx-of emergency--->IV Fluids
- > Patient had sharp knife injury posterior triangle of neck. Damage occur to. The most superficial muscle occur. could be damage ---->Trapezius
- > Patient has bilateral parotid gland enlarged, dry itchy eyes, dry mouth dysphagia, and diagnosis ---- > Sjogren Syndrome
- ➤ Patient has chronic kidney disease with Urea 88, Creatinine 2.2, which drug is contraindicated ---->Gentamycin

- > Patient has MCV-116, vibration affected, lab finding ----> Megaloblastic bone marrow
- > Patient has pneumonia, now he has chest pain radiating to back and rustle sound on left border, which is affected ---->Pericardium
- ➤ Patient in oncology with severe neutropenia and high grade fever. Ear ache and organism on blood culture reveal Pseudomonas. What is related ---->TNF
- ➤ Patient is on hormone replacement therapy for 10 yr, sister died d/1 breast ca, and she has high risk of ---->Endometrila CA
- ➤ Patient is on k sparing drugs characteristics finding on ECG ---->Tall -t wave



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- ➤ Patient known case of Lumbago came with bilateral lung infiltrations. Few neutrophils and Recovered spontaneously after 2 weeks ----> Influenza A
- ➤ Patient on Att. Decreased peripheral vision is due to ---->Ethambutol
- > Patient on HRT for 10 years, died of breast CA. Her sister is at risk of ----> Breast CA
- > Patient presented with generalized weakness easy brusibility and fever. Hb 6..Plt 50000 TLC 3000 ---
- -> Aplastic anemia
- > Patient Serology HIV positive, how will you counsel---->Some other tests to confirm
- ➤ Patient undergone C-Section after 2 weeks she has stable wound healing and normal scar formed, What will Increase tensile wound strength in the ---->50 to 75% modification
- > Patient using chronically drug, repeated monitoring is required ----> Low therapeutic index
- ➤ Patient with High BP, Inc Sodium concentration, lab findings of alkalosis were given ---->Primary Hyperaldosteronism (Conns Syndrom)
- > PUB in the adductor canal which structure is affected ---->Femoral vein
- Pulmonary Artery Supplies----> Alveoli
- > Pulmonary edema scenario, SOB on > auscuktation bilateral crackles present. Drug of choice ---- > Furosemide
- > Pulmonary edema treatment---->Loop digretics
- > Pulmonary fibrosis---->Decrease vital capacity
- > Pulsatile mass in abdomen, site--->LI to L3
- > Pulsation of femoral artery is felt at----> Min inguinal point
- > Purkinje cells of the cerebellar cortex arc excited by ----> Granule cells
- > Purplish Basophila in Cell is due to---> Rough endoplasmic reticulum
- > Putting cell in urea, what will happen to the cell ---->Increase ECF volume
- > Pyogenic peritonitis---->Bacteriods
- > Pyogenic peritonitis---->Bacteroids
- > Pyogens produced cytokines which causes fever by ----> By prostaglandin
- ➤ Radiations give, chance of cancer after how many years--->10
- Radiosensitive is---->Lymph node
- ➤ Ranitidine preceded over cimetidine---->Less CNS toxic
- Rational drug design----> Alteplase
- Raw and Undercooked meat---->Tape worm
- ➤ RBC cytoskeleton---->Spectrin
- ➤ RBC First stage---->Proerythroblast
- > RBC Swell when placed in----> 150mmol CACL2
- Receptor for IgE present upon---->
- ➤ Receptor involved in flexor withdrawal reflex ----> Nociceptors
- > Receptors for cold are---->Krauses receptors
- Receptors for vibration and pressure---->Pacinian
- ➤ Receptors Receiving Sense of Vibration ---->Pacinian



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- ➤ Recurrent rhinitis, utricaria---->IgE
- ➤ Reflex involving cerebral cortex---->Accomodation
- > Regarding 4lh ventricle what true----> Below it pyramid decussate
- Regarding cell cycling G2 phase is between ---->S-M
- ➤ Regarding Fat embolism----> Occur after 24 hours
- > Regarding Function of lymphatics----> Take plasma fluid back to body
- > Regarding GFR---->10% decrease with 10% decrease in arterial pressure
- > Regarding Heart, what is true---->At rest, Heart extracts about 70% of Oxygen from its arterial blood
- ➤ Regarding isograft transplant----> Successful in 95% of cases and does not requires immunosuppressant
- Regarding Kidney---->Drain into Para-aortic lymph nodes
- > Regarding platelets---->Are produced in bone marrow from larger (megakaryocytes) cells as fragments
- Regarding polycythemia Vera---->Increase RBC mass
- > Regarding smooth muscle true Is--->Has inner and outer layers, e.g small intestine has inner circular and outer longitudinal layers for peristals is.
- Regulation Autoreulation in kidney---->Tubouloglomerular feedback mechanism
- > REM sleep centre--->Pons
- > Remnant of notochord----> Nucleus pulposus
- Renin is secreted by---->
- > Resection of distal ileum will impair the absorption of ---> Bile salts
- > Resection of duodenum results in---->Increased gastric emptying
- ➤ Resistances decreases---->Velocity increases
- Respiratory burst is used for---->Has bactericidal effect
- Respiratory burst required for---->Microbicidal activity
- ➤ Reticular fibers present in---->Tonsil
- ➤ Retinal art occlusion in previously healthy man ---->Emboli
- > Rheumatic fever result in---->Myocarditis
- > Right sided weakness and left sided eye deviation, lesion is in ----> Left cerebral cortex
- > Right border of the heart is formed by---->Right atrium
- ➤ Right gastric artery is originate from---->Hepatic artery
- ➤ Right Kidney Hilum Anterior relation---->2nd part of Duodenum
- > Right kidney is related to ---->Liver
- ➤ RIGHT main bronchus as compared to left ---->More wider
- ➤ Right Shunt before reversal occurs in---->Eisenmenger



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- Right surface (sternocostal) of the heart is formed by ----> Right ventricle
- Right upper abdominal pain fever tip of spleen just palpable, pulse 100/min and neutrophils 2330/micro liter ----> Entameoba histolytica
- > Rigor mortis is due to deficiency of---->ATP + phosphate creatinine
- ➤ Roof of ischiorectal fossa---->Levator ani
- ➢ Root value of phrenic largest contribution by ---->C4
- > Round ligament of liver derived---->Left umbilical vein
- Route of transmission of HSV---->
- > Rt homonymous hemianopia with visual defect ---->Left occipital lobe
- > Rt thumb lacerated 1" web space will drain to ----> Infradavicular LNS
- > RTA blood lo89, GFR decreased due to decrease in ---->Arterial blood pressure
- > RTA injury to cervical sympathetic chain what will happen ---->Constriction of pupil
- Rubella Infection affect heart at---->5-10 weeks
- > Rx of choice for Upper GI bleeding---->Iv Octreotide
- > s Respiratory Rate is Controlled by----> Pneumotatic Centre
- > S3 heart sound occurs in which phase---->Repid ventricular filling
- > SA Node is pacemaker of heart due to--->Faster rate
- > Satiety center----> Ventromedial
- Saw tooth waves in ECG---->Atrial flutte
- Scapula is firmly attached to chest wall -
- Scenario asking about cause of edema
- > Scenario from old papers in brs also, of increased plasma renin, increased aldosterone, increased left renal renin, but right renal vein renin is decreased, why -->Left renal artery stenosis

- > Scenario from old papers, amputated limb now presents with pain and outgrowth ---->Neuroma
- > Scenario of having all other valves normal only Hb is reduced cause of hypoxia ---->Anemic hypoxia
- Scenario oF patient with rhematic fever now present with fever and murmur, drug of choice ---->Penicillin plus gentamycin
- > Scenario of patient with 190 mg/dl after one hour have 194 mg / dl glucose ---->Overt glucose tolerance test
- Scenario of RTA, maximum blood loss from ---->
- Scenario of UMN lesion---->Clasp knife rigidity
- > Scenario was showing signs of megaloblastic anemia and mcv >120 ---->Pernicious anemia
- Schawartz reaction is---->Endotoxin mediated
- Sciatic nerve is damaged, will supply the dorsal foot surface ---->Sephanous nerve
- SD---->Squar root of variance



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- > Second constriction in esophagus is seen at the following site---->Crossing of aorta
- > Second part of duodenum is crossed anteriorly by ---->Attachment of transverse mesocolon
- ➤ Secondary center of bones ossification in ---->Epiphysis
- Secondary center of ossification is present in ---->Epiphysis
- Secondary ossification appears at--->Epiphysis
- ➤ Self-replicative organelle---->Mitochondria
- ➤ Sensation of lower teeth by---->Inferior alveolar nerve
- > Sensory neural deafness was present---->Rennie +ve > Webber laterized to normal ear
- Sensory supply of ulnar nerve. Medical 1/3"* dorsal; &palmar aspect ---->
- ➤ Sertoli cells releases---->Inhibin
- > Shock. Cool clamy periphery--->Cutaneous vasoconstriction
- ➤ Short gastric artery branch of---->Splenic artery
- ➤ Short stature---->Turner syndrome
- Short term intake of food is affected by ---->Saliva
- > Shortening of chromosome in mutation enzyme responsible ---->Telomerase.
- Signs and symptoms of Cushing syndrome with hyperpigmentation, whats raised ---->Acth
- > Similar to above somehow---->Hypernatremia
- > Similarity between symptom of Dibetes Mellitus and Diabetes ---> Polydipsia
- > Simple signs and symptoms af acromegaly in patients that shoes are not fitting, tall height. Cause --
- --> Ghrh and somatostatin
- > Single most important factor for Tranplantation -
- ➤ Size of left bronchus---->5cm
- Skin Dermatome from lower end of clavicle sternal angle ---->C3-C4
 SLE patient have which other complication ---->Pericarditis (Jupus nephritis was not in options)
- ➤ Slowest conduction speed---->SA node
- > Small cell carcinoma of lung cause---->SIADH
- Small cell Lung carcinoma---->SIADH
- > Small muscle of hand got atrophic, loss of sensation include hand, with reduced pulse, and cause is ----> Cervical rib
- > Smoker and copd patient came to er has developed resp acidosis plius pulmonary hypertension the finding in this patient ----> Decrease arterial PO2 (normal is 100)
- Smoker FEV1/FVC <70---->COPD
- > Smoker received O2 therapy for 24 hours and develops severe respiratory distress the most likely cause is ---->Spontaneous pneumothorax
- Smoker working in a tyre shop with painless hematuria ---->Bladder CA
- > Smoker working in tyre factory developed Ca bladdar which is causative agent ---->Tobacco smoking
- Sodium water reabsorption---->Aldosterone
- > Soft tissue tumor (sarcomas)---->Increased vascularity



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- ➤ Somatic and Lactogenic secretion is function of ---->Pituitary
- > Somatic, lactogenic and interstitial hormone produced by ---->Pituitary gland
- > Somatostatin act on pituitary and inhibit which hormone ----> Growth hormone
- Somatostatin role in pancreatic fistula---->Decreases secretion
- > Some growth in vulvar region----> Dysplasia
- ➤ Source of creatinine---->Skeletal muscles
- ➤ Source(s) of Epithelia---->Ectoderm endoderm mesoderm
- > Sphenopalatine foramen is located in----> Perpendicular plate of palatine bone
- > Spinal anesthesia ideal site---->Below 14
- > Spinal cord art supply---->Vertebral artery
- > Spinal cord suspended into dura matter by ----> Denticulate ligament
- > Spinal nerves are called mix because contain ----> Motor and sensory nerve fibers
- > Spleen antigen---->Red PULP
- > Spliting of S2 is due to---->Early closure of Aortic valve
- > Squamous cell carcinoma of skin, most likely due to ---->A>B(Davidson)
- > Square root of variance---->Standard deviation
- > Stability of temporomandibular joint in particular surface by ----> T.M ligament
- > Stability of Temporomandibular joint---> Temporomandibukar Ligament
- > Standard deviation normal sequence--->Mean, Median, Mode, Coincide
- > Staph aureus is inoculated in lymphatic renal. What immune response will lymphatic occur ----
- >Lymphatic will remove extravascular toxin
- > Stellate ganglion block effect all on same side except ---> Hoarseness of voice
- > Stimulation of osteoblast by---->Gh
- > Stored blood after two weeks contains----> RBCs only
- > Stratified squamous epithelium----> Pharynx
- > Stress causes >> answer was cardiovascular and psychiatric problems ---->
- > Stress predispose to---->CVS and psychiatric disorder
- > Strongest Muscles Architecture--->Multipenate
- ➤ Structure between T12 and LI----> Pancreas
- Structure passing through foramen rotandum ---->
- Structure post to medial mellulous---->Tibialis post
- > Student in exam start hyperventilating, tachycardia & profuse sweating after breathing in paper he become better, if you take sample with the attack he would have ---->Increase pH, Decrease PCO
- > Subdural hematoma is due to rupture of---->Emissary veins
- > Submandibular surgery---->Marginal branch of facial nerve
- > Submucosal fibrosis---->Premalignant condition

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Subsclerosing Pan encephalitis caused by ---->Measles



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- ➤ Sulpha drug MAO---->Block diphydrofolate reductase
- > Superficial epigastric artery is branch of ---->Femoral artery
- > Superficial external pudendal emerge from ----> Saphenous opening
- Superimposed bacterial infection in ischemic tissue occurs in ---->Gangrenous Necrosis
- Supplied by phrenic nerve--->Mediastinal pleura
- ➤ Suppose a hypertensive patient has BP of 160/100 mmHg most of the time. While a normotensive patient has BP of 120/80 mmHg. If we increase 20 mmHg to mean value of Systolic blood pressures of above mentioned Hypertensive & Normotensive pts, what change would we observe ---->
- > Surgeon during surgery ant interventricular area ----> Great cardiac vein
- Surgery In Posterior Triangle will cause damage to ---->Spinal part of Accessory nerve
- > Sutured wound. 1 week wound continues to repair. What will aid in repair and not delay healing ---->Suture
- Swallowing needs---->Raising of larynx
- > Sweat chloride test positive in----> Cystic fibrosis
- > Sympathetic cholinergic action---->In sweat glands (piloerrector muscle also)
- > Symptoms of sjogren syn---->Dry mouth and dry eyes
- > Systemic effects of inflammation marker --->IL-1
- > Systemic fungal infections are best treated with ---->Amphotericin B
- > Systemic mural thrombi---->Left ventricle
- > T hemoglobin has reduce affinity for ---->02
- > T. Test----> Difference between two groups
- > Tactile receptors present on finger tips---->Meisiners corpuscles
- > TB---->Caseating granuloma
- > Temperature regulation is controlled by ---- Anterior hypothalamus
- > Terminal branch of aorta---->Median sacral artery
- > Test used to differentiate the type of jaundice --->GGt
- > Test which excludes completely non- affected ----> Specificity
- > Test which has true positive---->Sensitivity
- > Thalassemia causes---->Ineffective erythropoiesis
- > The breathing pattern in DKA---->Kassmul breathing
- > The characteristic finding on ECG in Wolff Parkinson white syndrome ---->Short PR interval
- > The complication of procedure limited by ----> To be remain in professional limit
- > The diagnostic power of a test to correctly exclude the disease is reflected by ---->Sensitivity
- ➤ The Esophagus which has Squamocolumnar Junction 3cm or above the G-E junction is ---->Barretts esophagus
- > The following ECG findings are seen in Hypokalemia ---->Increase PR interval with ST depression
- > The heart sound associated with the mitral valve is best heard ---->In the fifth left intercostal space
- > The loss of visual acuity n visual field in thyrotoxic ophthalmopathy is most likely due to ---->Optic nerve compression



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- > The main cause of increased blood flow to exercising muscles ----> Vasodilatation due to local metabolites
- > The pressure against which the pulmonary valve opens ---->25 mmHg
- > The processes of formation of neural tube is known as ---->Neuralation
- > The stage in genesis of RBCs----> Pro erythroblast
- > The volume of plasma filtered (per unit) time is called ---->Renal clearance
- > Thenar muscled spared other small muscles of hand wasting. Site of leision is ---->Ulnar
- > Theophylline dose should be kepatient low in children because of ---->Low metabolism capacity of children
- > Therapeutic dose depend on----> Drug efficacy
- ➤ Therapeutic Index---->Safety
- > There is increased risk of carcinoma of bladdar exposure to ----> Aryl Amines
- ➤ Thick saliva coz of---->Alphal receptors
- > Thick saliva involved---->Alpha 1
- Thirst is alleviated by GIT distension—
- > Thoracic duct block causes---->Chylopericardium
- > Thoracic duct is damaged /blocked by ---> Chylo pericardium
- > Thoracic duct opens in---->At junction of left subclavian and internal jugular vein
- > Thoracolumbar Outflow form--->Sympathetic
- > Thoracolumbar outflow---->Sympathetic
- > Three major tracts of anterolateral system ----> Spinothalamic tract, ventral fasiculus and lateral fasiculus
- ➤ Three steps of thrombosis include--->Endothelial damage, stasis, decrease blood constitute of blood
- > Thromboxane Aa is produced by---->Platelet cells
- > Thyroid gland is invested by---->Pre-tracheal fascia
- > Tibial nerve damaged still some flexion due to ---->Short head of biceps
- > Tibial part of Sciatic nerve affected, flexion by ---->Short head of Bicep Femoris
- ➤ Time taken by food to reach large intestine from pylorus ----> 8 hours
- > TNF alpha released by---->Monocytes-macrophages
- > TNF-B----> Vasodilation
- > To block Pudendal nerve will inject at----> Ishcial Spine
- > To check GFR in a CRF patient, are used ---->Creatinine clearance
- > To keep secret of patients treatment is ---->Autonomy
- > To measure Renal plasma flow---->PAH
- > To reach the uterus, uterine artery cross the ---->Ureter
- > Total number of vertebra in spinal cord ---->33
- > TPN contraindicated in---->IJver failure
- > Trachea bifurcates ath the level of---->T4 and T5



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- > Trachea is supplied by----> Recurrent laryngeal nerve
- > Trachea span---->C6 to T4
- > Transfusion to child. After some days rash diarrhea fever organism ---->CMV
- > Transient Adhesion by---->Selectin
- > Transient adhesion of WBC to---->endothelium
- > Transient bilirubin elevation----> Gilbert syndrome
- > Translocation of 922 is characteristics of ---->CML
- > Transmitted from mother only----> Mitochondrial DNA
- > Treatment of acute attack of ulcerative colitis ---->I/V corticosteroids
- > Treatment of pseudomembranous colitis ----> Vancomycin
- > True about middle cerebral artery supply except ----> Olfactory cortex
- > True about Pituitary gland---->Lies below diaphragm sella
- > True about Right Ventricle---> It gives pulmonary trunck
- > True regarding vibrio cholera---->Increase growth in alkaline medium
- > Trypsinogen is activated by---->Enterokinase ANS

- Tuberculosis mycobacterium does not contains exotoxins and endotoxins but still so devastating, why is this so ---->Because they have cell wall composition
- > Tumor of heart---->Atrial myxoma
- > Tumor Spread by---->Breakdown of E cadherin
- > Tumor Suppressing Ant Surface of Sternocleidomastoid which vessel will be engorged ---->External Jugular Vein
- ➤ Tunica albogenia---->Proccesus vaginalis
- > Turner syndrome---->45X0
- > Type 2 diabetes bone pain---->Hyperparathyroidism (parathyroid hyperplasia
- > Type A personality develop cardiac problem due to ---->Stress of social environment
- > Type of study and relation between duration and body temp shows by which test ----> Regression analysis
- > Tyrosine derivative---->Norepinephrine
- > Under effect of general anesthesia, given to reverse the effect of benzodiazepines ---->Flumazenil
- ➤ Unmyelinated pain receptors----> C fibers
- ➤ Upper 1/3 of esophagus is supplied by---->Inferior thyroid artery
- ➤ Upper esophagus blood supply----> Inferior thyroid artery
- > Upper fibers of external oblique---->Interdigitate with serratus ant
- ➤ Upper I/3rd medulla has----> Nucleus ambiguous
- > Urgent FFPS has to be transfused, which blood group should be transfused in this case ----> O Negative
- > Urothelial carcinoma associated with---->Bladder exstrophy



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- > V/q is decreased in---->Physiological shunt
- > Vagal stimulation causes----> Decreased heart rate
- ➤ Vagal stimulation causes---->Increase PR
- Vagotomy above esophagus causes---->Loss of acid
- > Vagus nerve pass through---->Oesophageal opening
- ➤ Variance---->Square root of SD
- ➤ Variation Among individual data elements ---->Standard Deviation
- ➤ Vasodilation and hypotension is a feature of ---->Septic shock
- > Vein accompanying anterior interventricular artery ----> Great cardiac vein
- > Veins that connect intracranial sinuses with extracranial veins are----> Emissary veins
- > Venous drainage of heart mainly by---->Coronary sinus
- ➤ Ventricles are completely depolarized during ----> ST segment
- > Ventricles are completely depolarized---->ST segment
- > Ventricular Muscle receive directly stimulation from ---> Purkinje Fibre
- > Vertebrae which form body of upper vertebrae in embryological life ----> C2
- > Vessel along phrenic nerve which passes between mediastinal and costal pleura is ----> Pericardio phrenic artery
- > Vibrio cholera toxin causes----> Dec Cl absorption in small intestine
- > Vibrio cholera----> Grow in alkaline medium
- Viral disease transmitted by Mosquito bite ----> Dengue
- Virulence of staph aureus---->Coagulase +ve
- Virus cause cancer by alteration of ---->Proteins
- Virus cause cancer by alternation in---->Proto-oncogene
- Viruses cause cancer by alteration in--->Proto-oncogen
- > Viruses cause cancer by bringing about alteration in ---> Protoncogene
- ➤ Visible peristalsis+pschogenic patient---->Pyloric stenosis
- > Visual fibers after crossing chiasma passed ---->Lateral geniculate .body to optical radiation
- ➤ Vit. B12 absorbed in----> Ileum

- ➤ Vitamin A Deficiency causes---->Hyperkeratosis
- ➤ Vitamin B12 def---->Diphylobothrium Latium
- Vitamin D levels are best measured by ----> 25 OD
- ➤ Vitamin required for ALT----> B6
- > Vitelline duct remnant---->Meckel diverticulum
- ➤ Warfarin INR controlled. After cheat infection drug given INR 5 ---->levofloxacin
- ➤ Warfarin quick reversal----> FFPs
- ➤ Warty lesion on vulva---->Condyloma accumulata
- ➤ Water goes from Plasma to interstitial fluid by ---->Filtration



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- ➤ Water intoxication---->Slow pulse
- ➤ Water makes how much of body weight in infants ----> 0.65
- ➤ Water proofing of skin is done by---->Keratin
- Weight gain is managed weekly by---->Work output
- ➤ What happen at functional residual capacity ----> Chest wall & lung alveoli recoil are equal and opposite
- good to differentiate the tumor cells ---->Grading
- > meant by professionalism of a Doctor --->
- > What will change into squamous cell carcinoma most likely ----> Bowen disease
- > When both alleles are fully expressed in heterozygote called ----> Codominance
- > anti T.B drug cause Red (orange) color urine ---->Rifampin
- > antibiotic inhibits transcription ----> Rifampicin
- > are only part of innate immediately---->NK cells
- Blood group contains Anti h Antibodies --->Oh
- blood transfusion reaction is severe --->AB to A
- > clotting factor deficiency leads to thrombosis instead of bleeding ---->Factor 12
- decrease height of action potential ----> Hyponatremia
- > divide occipital triangle---->Inferior belly of omohyoid
- > drug has extensive distribution and has many active and inactive metabolites in circulation ----> Diazepam
- > Drug Increases Heart Rate---->Isosorbide dinitrate
- drug inhibit H+/ATPase pump --->Omeprazole
- > drug irreversibly inhibits platelets function ----> Aspiring
- > drug is contraindicated in CLD----> Pentazocine > Lorazepam
- > factor stabilize fibrinogen---->Factor 13
- has wide wigth.,120 days life---->Erythrocyte
- > hormone convert norepinephrine into epinephrine in adrenal medulla ---->Phenyl ethanolamine
- ➤ hormone is controlled by Inhibitory factor from hypothalamus ---->Prolactin
- > is absent in atlas---->Spine and body
- is common b.w TB and Sarcoidosis ---->Hepatic granuloma
- ▶ is Content of Anterior mediastinum ---->Thymus
- ➢ is most commonly STD trasnffered ----> Hep B
- is not supplied by SMA---->Sigmoid and descending colon
- > is part of Portal system----> Superior rectal vein
- > is seen in parasitic infection---->Eosinophills
- is transmitted by mosquito bite ---->Filriasis
- > is transmitted from mother to fetus e birth route ---->HIV
- > is true about pseudo stratified epithelium ----> All ceUs reach at basement membrane
- ▶ liberates fatty acids for oxidation ---->Lipase



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- > nerve is Motor and Sensory---->Facial
- > of d following is the most common cause of low voltage QRS complex---->Old mi
- ➤ Of following is activated in lung---->Angiotensin 2
- of following is irreversible inhibitor of platelet--->
- > of following is transmitted by orofacecal route ----> HEP E

Cram Statements Inshllah 70 % paper will come from this file. DO not skip this file...

- > of following lined by stratified squamous epithelium ---->Pharynx
- doesnt have basement membrane ---->Ependymal
- > enzyme decreases in acute liver disease ----> Pseudocholiners terase
- > event occur in irreversible injury ---->Karryorrehxis
- hormone level remains normal in pregnancy ----> Growth hormone
- > inhibit wound contraction ---->Steroids
- lymphoid organ receives lymph via sub capsular sinus ---->Lymph node
- > narcotics causes delayed respiration depression ---> Morphine
- parasite causes rectal prolapse --->Trichuris Trichura
- > stimulate Renin secretion ----> Decreased sodium delivery to macula densa
- > test is used to monitor PATIENT taking oral anticoagulant ---> INR
- > increased most in hepatocyte damage --->SGPT
- is deficient in minerals ---->Tubers
- vaccines is conjugated to protein ---->Meningococca
- among the following is prolonged in 1TP ---> B
- causes Respiratory Symptoms--->Ascariasis
- > continue as Median Root of Brachial plexuses ---->Median Nerve
- > is true regarding Duodenal Ulcer posterior wall bleeding ---> Gastrododenal artery
- > is tumor suppressor Gene ---->P53
- will not cause edema---->Constriction of Arteries
- > opioid cause fatal excitation with MAO inhibitors ---->Pethidine
- > organelle is continuous with nuclear membrane ----> RER
- > prevents antigens from reaching T cells ----> Thymus blood barrier
- > salivary gland tumor is benign---->Pleomorphic adenoma
- ➤ Structure is lateral to trachea----> Vagus
- > structure monitor oxygen in blood and helps regulation in respiration ----> Carotid body
- > type of joint intervertebral disc is ---->Symphysis
- > vein of heart is located in arteries interventricular groove accompany LAD ----> Great cardiac vein
- virus is responsible for post- transplant rejection) long scenario about liver disease ---->CMV
- > vitamin is deficient in pancreatitis ----> Vitamin D



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- ➤ While eating foreign body lodged in---->Right lower lobe
- ➤ Whole scenario of picnic, somechidren suffered with food poisoning, then asked about ability of organism to infect ----> Virulence
- > Why anti-tb drugs are given together---->To decrease the resistance emergence
- ➤ Winging of scapula is caused by---->Long thoracic
- > with non-caseating granuloma---->Sarcoidosis
- ➤ Woman had colicky right upper abdomen pain. Dicyclomine given and pain relieved. Acts on ---->Muscarinic receptors
- ➤ Women need anti agingVitaminthat its deficiency result in neurologic manifestation and its absorption decreased in liver or biliary disease ---->VITE
- ➤ Worker having carcinoma bladder, exposed to ---->Aryl amine
- > Wound Greenish Pus Is characteristic of causative organism ----> Pseudomonas
- ➤ Wound strength is by which---->Type 1 collagen
- > Wrist flexion causing firing in cells of cerebral cortex which affect firing ---->Force of movement
- > Xiphoid (vertebral level)---->T9
- > Xphoid process is present vertebrae at---> 19
- > XXY---->True hermaphrodite
- > Y ganglion cells of retina---->Colour vision (Ref Google)
- > Young looking male recently diagnosed atrial fibrillation, what drug .you will prescribe him ---- > Amiodarone
- > Young surgeon not allowed to operate on right adrenal gland due to fear of change to important structure ---->IVC
- > Young surgeon not allowed to operate on right adrenal gland due to fear of damage to ---->IVC
- > Zone 1 indicates---->Apex of the lung



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