



ARISE
MEDICAL ACADEMY
BUILDING BETTER DOCTORS

FMGE Recall

July 2024





ARISE
MEDICAL ACADEMY
BUILDING BETTER DOCTORS

92% From Topics Covered

180+ Direct Questions

95+ MCQs from Quick
Revision Program

85+ MCQs from Test & Mock
Exams Discussion,

Arise Content has once again proven to be

THE GOLD STANDARD
in FMGE

INDEX

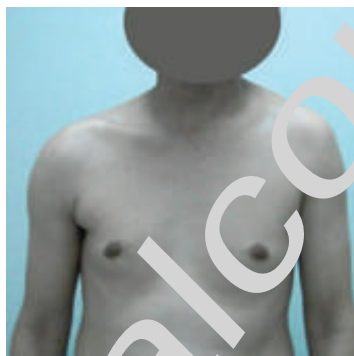
01	ANATOMY	01-04
02	PHYSIOLOGY	05-07
03	BIOCHEMISTRY	08-10
04	PATHOLOGY	11-13
05	PHARMACOLOGY	14-17
06	MICROBIOLOGY	18-19
07	FORENSIC MEDICINE	20-21
08	ENT	22-24
09	OPHTHALMOLOGY	25-26
10	PSM	27-32
11	PEDIATRICS	33-34
12	OBS & GYNE	35-38
13	MEDICINE	39-42
14	SURGERY	43-50
15	ANAESTHESIA	51
16	RADIOLOGY	52-54
17	ORTHOPAEDICS	55-56
18	PSYCHIATRY	57-58
19	DERMATOLOGY	59-60

- ★ 1. While Performing upper G.I Endoscopy a perforation in oesophagus at 25 cm from the Incisor teeth was encountered , which Structure lying at this level is at Risk of damage most likely ?

A. Diaphragm
B. **Arch of aorta**
C. Cricoid cartilage
D. Right main bronchus

- ★ 2. A person was climbing the staircase, there was no light and he is using the side rails to reach while climbing he fell suddenly and a nail hit at the posterior triangle of the neck. After the injury, the patient has difficulty to elevate the shoulder & presents with loss of shrugging. What structure is most likely to be damaged?

a. Deltoid
b. **Accessory nerve**
c. Sternocleidomastoid
d. Vagus Nerve



- ★ 3. Which structure is palpated in the given image?

A. anterior tibial artery
B. **posterior tibial artery**
C. Popliteal artery
D. dorsalis pedis artery



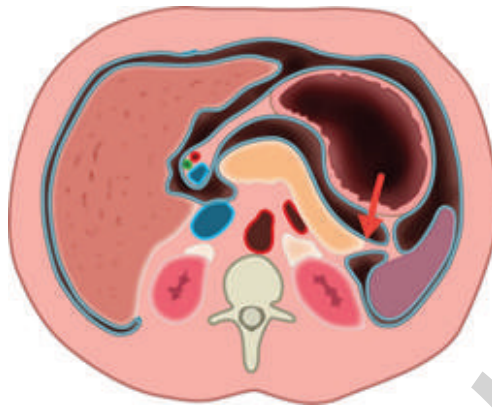
- ★ 4. Identify the red marked structure?

A. Caudate
B. **Internal capsule**
C. Thalamus
D. Insula



★ 5. Identify the arrow marked structure?

- A. omental bursa
- B. Greater omentum
- C. Gastrosplenic ligament
- D. Linorenal ligament**



★ 6. During a surgical procedure in the ear, the surgeon injured a nerve. Due to this the patient presented with Lagophthalmos after the surgery. Which nerve is most likely to be damaged ?

- A. Cranial nerve 5
- B. Cranial nerve 6
- C. Cranial nerve 7**
- D. Cranial nerve 3

★ 7. The epithelial lining of Trachea is ?

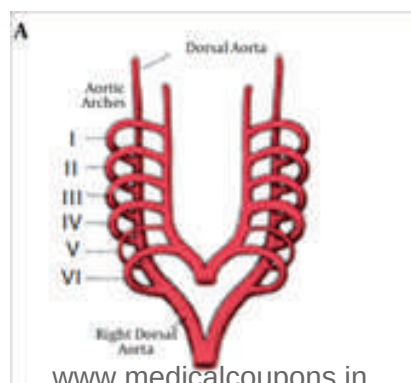
- a. Non ciliated cuboidal epithelium
- b. simple Squamous epithelium
- C. Pseudostratified Ciliated columnar epithelium**
- D. Simple cuboidal epithelium

★ 8. What is the joint between epiphysis and diaphysis of a long bone ?

- A. Symphysis
- B. Synostosis
- C. Synchondrosis**
- D. Syndesmosis

★ 9. Which structure following structure develops from the left 6th pharyngeal arch artery ?

- A. Arch of aorta
- B. Ductus Arteriosus**
- C. Common carotid artery
- D. Subclavian artery



★ 10. After an RTA, the patient presented to the hospital. It was observed that he is able to flex at Metcarpophalangeal joint and he is able to extend the Interphalangeal joint. Which nerve is most likely to be damaged?

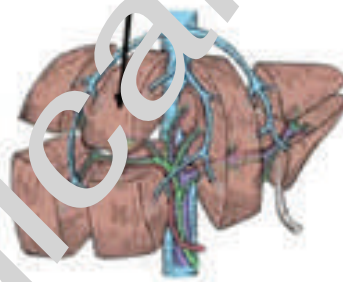
- A. Radial nerve
- B. Ulnar nerve
- C. Musculocutaneous nerve
- D. **Anterior Interosseous nerve**

★ 11. The patient has infection of Cavernous sinus, due to which it has involved the nerve which is related on its medial side. To confirm the involvement of the Abducent nerve, you will ask the patient to look towards which side?

- A. Superior
- B. Inferior
- C. Medial
- D. **Lateral**

★ 12. Identify the marked segment in the image?

- A. V
- B. VII
- C. VI
- D. **VIII**



★ 13. During the surgical procedure for Patent Ductus Arteriosus, the structure which is in close relation to it can be damaged. What can be this structure?

- A. **Left Recurrent laryngeal nerve**
- B. Vagus nerve
- C. Anterior thoracic artery
- D. Phrenic nerve

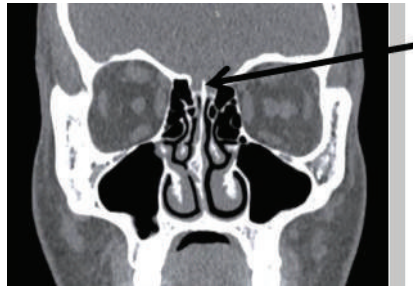
★ 14. At the arrow marked area, the nerve located here is related to which ganglia which ganglia is disturbed due to the involvement of the nerve located at the arrow marked area?

- A. Otic ganglia
- B. **Sphenopalatine ganglion**
- C. Ciliary ganglia
- D. Submandibular ganglia



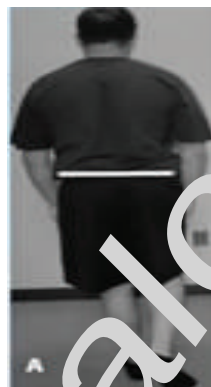
- ★ 15. Fracture has occurred at the arrow marked area. The patient can present with which of the following ?

- A. Anosmia
- B. Visual loss
- C. Frontal sinusitis
- D. Tinnitus



- ★ 16. A patient came to the clinic. What is being examined in this image?

- A. Flexion
- B. Extension
- C. Adduction
- D. Abduction



- ★ 17. A young person fell on the outstretched hand . He presented with pain and swelling at the base of thumb. Which bone is most likely to be fractured ?

- a. Lunate
- b. Scaphoid**
- c. Trapezium
- d. Pisiform

- ★ 18. Surgical procedure is being on the great saphenous vein . Damage around which of the following structure will results in damage of great saphenous vein ?

- a. 2.5cm anterior to medial malleolus**
- b. 2.5cm anterior to lateral malleolus
- C. 2.5 cm posterior to medial malleolus
- D. 2.5 cm posterior to lateral malleolus

★ 19. Which condition will increase the GFR?

- a. Efferent arteriole resistance
- b. Efferent arteriole dilatation
- c. Increase in plasma flow
- d. Increase glomerular hydrostatic pressure

★ 20. Which ion channel will defect in CFTR gene mutation?

- a. Cl⁻
- b. Na⁺
- c. K⁺
- d. Ca²⁺

★ 21. What is the ABG disorder in given image:

- 1. pH = 7.16
- 2. PCO₂ = 20mmHg
- 3. HCO₃ = 8mEq/L

- a. Respiratory acidosis
- b. Respiratory alkalosis
- c. **Metabolic Acidosis**
- d. Metabolic alkalosis

Blood Gas Values		Arterial
		21.0 % 37.0 °C
pH	7.16	
pCO ₂	22.23 mmHg	[7.350 - 7.650]
pO ₂	112 mmHg	[35.0 - 45.0]
Electrolyte Values		
Na ⁺	135 mmol/L	[135 - 145]
K ⁺	3.4 mmol/L	[3.5 - 4.5]
Cl ⁻	97 mmol/L	[1.17 - 1.29]
Ca ²⁺	1.1 mmol/L	[98 - 108]
Chemistry Values		
glucose	11.2 g/dL	[12.0 - 16.0]
urea	94.9 %	
creatinine	1.2 %	[0.5 - 1.5]
albumin	5.0 %	
total protein	1.1 %	
total bilirubin	92.7 %	[94.0 - 98.0]
Metabolic Values		
lactate	162 mg/dL	[80 - 110]
ammonia	1.8 mmol/L	[0.5 - 1.5]
anion gap	1.01 mg/dL	[0.20 - 1.20]
calcium	0.6 mg/dL	[0.2 - 1.2]
Calculated Values		
anion gap	4.5 mmol/L	

★ 22. A young running man was found to have increased ADH levels. Which part of renal tubules reabsorb maximum water in the presence of ADH ?

- a. Proximal tubules
- b. Distal tubules
- c. Loop of Henley
- d. Proximal part of Collecting duct

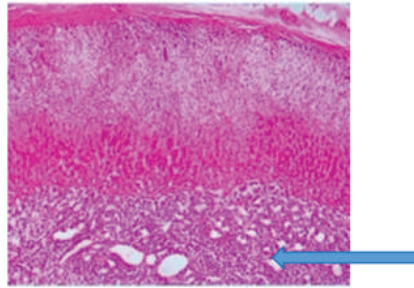
★ 23. A man presents to hospital with presence of ptosis, on asking history he feels fatigued, easy bruising, weakness on exertion and difficulty in chewing and opening mouth. what could be the most probable cause ?

- a. Lambert Eaton syndrome
- b. **Myasthenia gravis**
- c. Botulism toxicity
- d. Tetanus toxicity

- ★ 24. A person comes to ER with RTA history having thoracic and abdominal injury, found with hypovolemic shock. What could be the most probable reason in decrease cardiac output in this person?
- Decrease preload
 - Decrease Stroke volume
 - Increase preload
 - decreased contractility of heart
- ★ 25. Peripheral chemoreceptors has which of the following oxygen sensitive channels ?
- Na
 - K
 - Ca²⁺
 - Cl
- ★ 26. Which protein binds with calcium during smooth muscle contraction ?
- Calmodulin
 - Troponin
 - Tropomyosin
 - Calbindin
- ★ 27. What are the characteristics features of primary hypothyroidism
- Elevated TSH, low T4 levels
 - Elevated TSH, low T3 levels
 - Elevated TSH, elevated T4 levels
 - Low TSH, low T4 levels
- ★ 28. Which hormone increases during period of stress, starvation and deep sleep
- GH
 - ACTH
 - cortisol
 - Prolactin
- ★ 29. How muscle spindle detects the muscle length during muscle contraction ?
- Stretch receptors on tendon
 - Muscle spindle
 - A alpha 2 fiber
 - Merkel cell's

★ 30. Hormone secreted by the cells marked by the arrow is ?

- A. Mineralocorticoid
- B. Glucocorticoid
- C. Adrenaline**
- D. Androgen



★ 31. What physiological response is most likely to occur in a person exposed to high temperatures while exercising vigorously to maintain internal body temperature within a narrow range?

- a. Sweating and vasodilation in skin**
- b. Shivering and vasoconstriction in skin
- C. Increased production of heat by liver
- d. Decreased HR and RR

★ 32. What is the typical Glomerular Filtration Rate (GFR) value in a healthy adult?

- A 125ml/min**
- B. 200ml/min
- C. 100ml/min
- D. 150ml/min

★ 33. The formula UV/P , represents which renal function?

- A. Filtration fraction
- B. Tubular secretion
- C. Tubular reabsorption
- D. Clearance**

★ 34. Which of the following can best explain the mechanism of a second messenger?

- A. Act on extracellular receptor
- B. Act on intracellular receptor
- C. Modulate intracellular hormone response**
- D. Modulate extracellular hormone response

★ 35. A 10 year old boy is brought to OPD with pain, redness and swelling around great toe. Serum uric acid level is 9.4 mg/dL. Mother also added that his son also has a habit of biting lips, spasticity and dystonia. Which of the following enzyme deficient?

- a. Homocysteine oxidase
- b. Dihydro thymidineoxidase
- c. **Hypoxanthine guanine phosphoribosyl transferase**
- d. Xanthine Oxidase

★ 36. Which of the following lipid storage disorder has maximum predilection to present with Cherry Red Spot in Macula?

- A. Gaucher's disease
- B. Tay Sach's disease**
- C. Krabbe's disease
- D. Fabry's disease

★ 37. The condition shown below is treated by supplementation of which of the following?

- A. Vitamin A
- B. Pyridoxine
- C. Nicotinamide**
- D. Vitamin C



★ 38. Which of the following can be mediated by CRISPR CAS 9 technology?

- A. Gene Editing**
- B. Transcription
- C. Dot blotting
- D. DNA editing

★ 39. Which of the following substance is used for sample collection in tube for blood alcohol concentration measurement?

- A. Heparin + EDTA
- B. Sodium flouride + Potassium dichromate**
- C. Heparin
- D. Sodium citrate

- ★ 40. A old man presented with complaints of confusion, tingling sensation. His history revealed polished rice is his main diet. What is the diagnosis ?
- A. Phyroderma
 - B. Beri-beri**
 - C. Psoriasis
 - D. Eczema
- ★ 41. Which of the following manifestations are seen in vitamin B₁₂ deficiency?
- A. Vogts stria
 - B. Bitot spot**
 - C. Arlts line
 - D. Harner trantas spots
- ★ 42. A 16 years old patient happens to have rashes on sunlight exposure around neck skin in spring season and pellagra like features for last 5yrs with normal HIAA and high aminoaciduria. Indole levels in urine are normal. What is the probable diagnosis?
- A. Carcinoid tumor
 - B. Nutritional pellagra
 - C. Hartnup disease**
 - D. Essential fructosuria
- ★ 43. Post translational modification common to collagen, hemoglobin and immunoglobulin is ?
- A. Subunit aggregation**
 - B. Methylation
 - C. Hydroxylation
 - D. Gene editing
- ★ 44. The process of converting unconjugated to conjugated substance is known as ?
- A. Glycation
 - B. Glucuronidation**
 - C. Glycoylation
 - D. Oxidation
- ★ 45. Which of the following is a cause of unconjugated hyperbilirubinemia?
- A. Dubin Johnson syndrome
 - B. Rotor syndrome
 - C. Biliary atresia
 - D. Gilbert syndrome**

- ★ 46. A 3 months old baby was presented with severe Hepatomegaly and cataract in both eyes. The child appears lethargic and hypo tonic. Identify the Enzyme involved in this case?
- Galactokinase
 - Hepatic synthase
 - Hepatic Glucose 6 phosphatase
 - Galactose-1 phosphate uridyl transferase**
- ★ 47. Zellweger syndrome is due to which of the following ?
- Nucleosomes
 - Peroxisomes**
 - Lysosomes
 - Ribosomes
- ★ 48. Composition of di saccharide Lactulose
- Glucose + Galactose
 - Glucose + Fructose
 - Galactose + Fructose**
 - Glucose + Lactose
- ★ 49. The patient had a history of strenuous exercise but forgot to take his meal and later had alcohol in a party. Which of the following process is inhibited by alcohol taken :
- Gluconeogenesis**
 - Glycogenolysis
 - HMP Shunt
 - Ketone bodies synthesis
- ★ 50. A 7 year old child of short stature was brought to OPD with patches of skin, learning problems. Workup revealed the case to be due to a defective DNA repair due to double strand breaks. What is the most likely diagnosis?
- Bloom syndrome
 - Xeroderma pigmentosa**
 - Cockayne's syndrome
 - Lynch syndrome
- ★ 51. A 40 year old female working as senior executive leading a sedentary life style presents to the OPD with palmoplantar pigmentation. X-Ray spine shows calcification of intervertebral discs. On adding Benedict's reagent to urine sample, it gives greenish brown precipitate and comes positive. What is the most likely enzyme deficiency in this patient?
- Phenylalanine hydroxylase
 - Tyrosine hydroxylase
 - Homogentisic acid oxidase**
 - PHPP dioxygenase

★ 52. Earliest Cardiac Marker for MI is

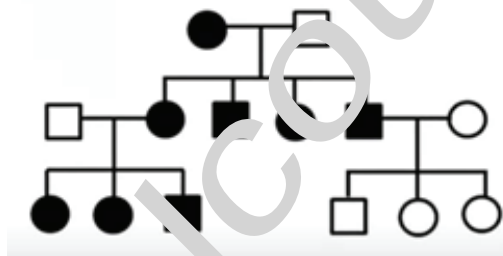
- A. CKMB
- B. LDL
- C. Cardiac Troponin I
- D. **Ischemic modified albumin**

★ 53. Primary lymphoid organ is ?

- a. spleen
- b. lymph node
- c. **Thymus**
- d. Bone Marrow

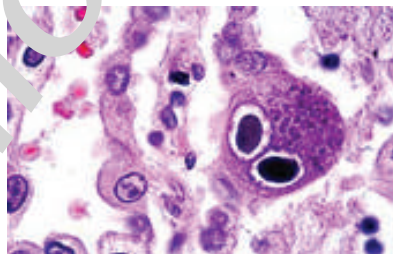
★ 54. The given pedigree indicate?

- a. Autosomal recessive
- B. Autosomal dominant
- C. X linked recessive
- D. **Mitochondrial inheritance**



★ 55. A 65 year old patient on immunosuppressive therapy presents with cough, fever and pneumonia, biopsy reveals following cells shown in image , which organism is responsible for this?

- A. POX virus
- B. **CMV**
- c. EBV
- D. Chicken pox



★ 56. 50 yrs old female presents with cervical lymphadenopathy .A biopsy has revealed granulomatous necrotizing inflammation .which of the following can be associated with this ?

- A. Metastatic with normal serum ca⁺ level
- B. Metastatic with increased serum ca⁺ level
- C. Dystrophic with increased serum calcium
- D. **Lymphomatous with normal serum calcium**

★ 57. Which of the following are decreased in acute inflammation ?

- A. CRP
- B. Hepcidin
- C. Ferritin
- D. **Albumin**

★ 58. Tumor marker of carcinoid tumor ?

- A. 5HIAA
- B. calcitonin
- C. catecholamine
- D. Nor adrenaline

★ 59. What blood group should be given to Bombay blood group patient?

- A. AB
- B. O positive
- C. OH
- D. O negative

★ 60. Chronic alcoholic patient presents with lower back pain and fever. While taking history he mentioned that he had similar multiple episodes in the past and there is elevated lipase enzyme .which type of necrosis is likely to be present ?

- A. coagulative
- B. **Fat necrosis**
- C. Fibrinoid necrosis
- D. Liquefactive necrosis

★ 61. Disorder associated with Hexanucleotide repeat?

- A. Fragile x syndrome
- B. Huntington Chorea
- C. Spinocerebral ataxia
- D. **Frontotemporal Dementia**

★ 62. Most common anemia in above 65 years of age ?

- A. Anemia of chronic disease
- B. **IDA**
- C. Pernicious anemia
- D. Megaloblastic anemia

★ 63. 38yr old patient presents with abdominal pain ,joint pain and palpable purpura ,urine analysis shows RBC casts,likely diagnosis could be?

- A. Microscopic polyangitis
- B. Granulomatosis with polyangitis
- C. **TGA vasculitis (HSP)**
- D. SLE

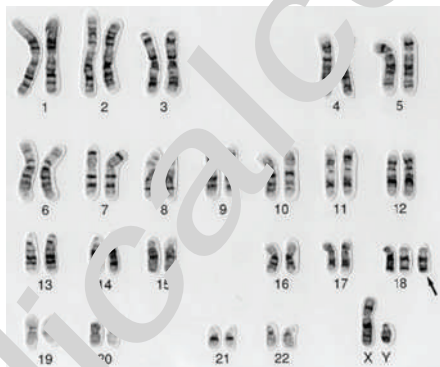
★ 64. Multiple Lisch nodules is a feature of ?

- A. Neurofibromatosis
- B. Tuberous sclerosis
- C. leprosy
- D. Sarcoidosis

★ 65. A 46 year male presents to the OPD with a history of lower back pain and painful urination. On work up it reveals normocytic normochromic anemia with hypercalcemia. Serum protein electrophoresis was done that shows M Spike in gamma region. Which of the following should be used to confirm the diagnosis.

- A. Liver function test
- B. Bence Jones Proteins in urine
- C. UACR test
- D. Heat and acetic acid test

★ 66. Which trisomy is suggested by karyotyping results showing chromosomal defects ?



- A. Trisomy 18
- B. Trisomy 13
- C. Trisomy 21
- D. Trisomy 11

★ 67. Most effective Enzyme in acute inflammation is

- a. MPO
- b. NADPH oxidase
- c. defensin
- d. catalase

★ 68. Patient presents with fatigue, pallor and weakness. On evaluation CBC reveals low Hb and normal reticulocyte count, Comment on the diagnosis.

- a. IDA
- b. ACD
- c. PRCA
- d. Hemolytic Anemia

★ 69. Folic acid given for prevention of

- A. NTD
- B. Spina bifida
- C. Chromosomal anomalies
- D. Microcytic anemia

★ 70. A Drug that can be used both in HIV & Hepatitis B ?

- A. Dolutegravir
- B. **Tenofovir**
- C. Zidovudine
- D. Ritonavir

★ 71. What is the best treatment of a patient having diarrhea with flask shaped ulcer ?

- A. **Metronidazole**
- B. Ciprofloxacin
- C. Vancomycin
- D. Ampicillin

★ 72. A patient is on treatment under NTEP program for last 2 weeks following which the patient developed visual disturbances swelling and itching of eyes. Which of the following drug under RNTCP can cause these Visual disturbances?

- A. Isoniazid
- B. Rifampicin
- C. Pyranzinamide
- D. **Ethambutol**

★ 73. A patient presented with history of hypertension and now developed Acute attack of migraine. Which of the following needs to be avoided ?

- A. **Sumatriptan**
- B. Ibuprofen
- C. Propranolol
- D. Ergotamine

★ 74. A patient presents to emergency department with a BP 220/120 along with headache, seizure, blurred vision and altered sensorium. which of the following drug is used in the management of this patient ?

- A. **Iv labetalol**
- B. Iv nicardipine
- C. Iv Nitoglycerin
- D. Oral methyldopa

★ 75. Which of the following is the mechanism of action of Rivaroxaban?

- A. Inhibit factor II
- B. Inhibit factor Xa**
- C. Stimulate anti thrombin III
- D. Inhibit vit K dependent factors

★ 76. Which of the following anesthetic drug is used for skeletal muscle paralysis ?

- A. Bethenechol
- B. Neostigmine**
- C. Pilocarpine
- D. Atropine

★ 77. Mechanism of action (MOA) of Ethosuximide is ?

- A. Inhibit Na⁺ channel
- B. Inhibit T type Ca²⁺ channel**
- C. Inhibits GABA function
- D. Inhibits AMPA receptors

★ 78. Mechanism of action of Local Anesthesia is ?

- A. Block Na⁺ channel**
- B. Stimulate Ca²⁺ channel
- C. Block Cl⁻ channel
- D. Stimulate K⁺ channel

★ 79. A patient after 1 hour of his meal experiencing epigastric pain and regurgitation of food , the patient experiencing the Gastro-intestinal- reflux features , which of the following drug is used ?

- A. Ondansetron
- B. Domperidone**
- C. Loperamide
- D. Diphenoxylate

★ 80. Drug used to testing Myasthenia Gravis is ?

- A. Neostigmine
- B. Pyridostigmine
- C. Edrophonium**
- D. Donepezil

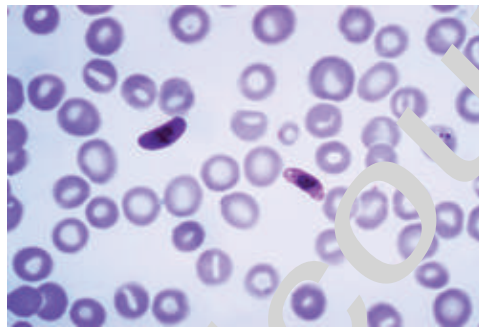
- ★ 81. A 40 years old person taking anti - Diabetic drug goes to gym and while exercising suddenly collapse. The RBS level is 60mg/dL Which of the following drug can cause the associated symptoms?
- Metformin
 - Acarbose
 - Rosiglitazone
 - Glimepiride**
- ★ 82. A diabetic patient on therapy presented with itching and whitish vaginal discharge & is experiencing recurrent episodes of discharge. which of the following drug intake lead to this condition ?
- Metformin
 - Acarbose
 - Rosiglitazone
 - Canagliflozin**
- ★ 83. What is the mechanisms of action of Methotrexate ?
- Inhibits Topoisomerase
 - Inhibits mitotic phase of cell cycle
 - Inhibits DHFR**
 - Inhibits G1-S phase
- ★ 84. Which of the following drugs is associated with hand - foot syndrome?
- Paclitaxel
 - Bleomycin
 - Cyclophosphamide
 - Capecitabine**
- ★ 85. A patient is on the medicine to lower LDL- Cholesterol. which of the following is add on drug to increase HDL ?
- Niacin**
 - Atorvastatin
 - Evolocumab
 - Cholestipol
- ★ 86. A patient underwent a GI surgery and jejunum was resected. which of the following drugs would be added in the treatment of this patient?
- Liraglutide
 - Teduglutide**
 - Exenatide
 - Semaglutide

★ 87. A patient presents with hypertriglyceridemia, which of the following is best drug to reduce TG which is given in addition to atorvastatin ?

- A. Niacin
- B. Atorvastatin
- C. Fenofibrate**
- D. Ezetimibe

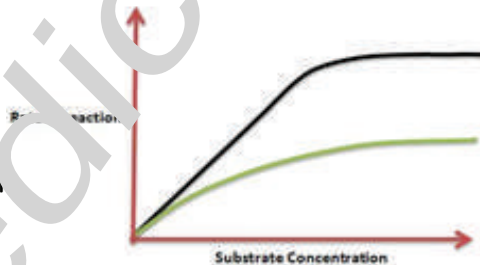
★ 88. A patient presented with fever , generalized body ache and malaise for 1 week duration. He is diagnosed as a case of malaria , which of the following drug of choice is used in this case ?

- A. Primaquine
- B. Doxycycline
- C. ACT**
- D. Chloroquine



★ 89. What is the type of inhibition ?

- A. partial agonist
- B. competitive inhibitor**
- C. non- competitive inhibitor
- D. Inverse agonist



★ 90. A patient was admitted with complains of tachycardia and arrhythmia. Physical examination shows scratch marks over the body, which of the following is the patient most likely abusing?

- A. Heroin
- B. Cocaine**
- C. Datura
- D. Cannabis

★ 91. Which organism is seen in normal flora of conjunctiva?

- A. staph aureus
- B. staph epidermidis**
- C. streptococcus pyogenes
- D. streptococcus pneumoniae

★ 92. Which of the following is used for the diagnosis Typhoid in first week ?

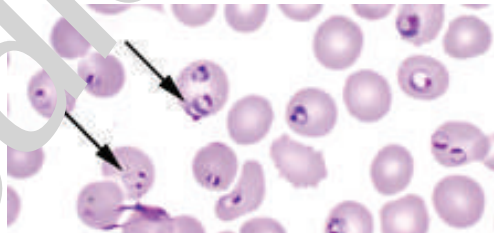
- A. Blood culture**
- B. urine culture
- C. widal test
- D. Stool test

★ 93. Banana shaped gametocytes are seen in ?

- A. Plasmodium vivax
- B. Plasmodium ovale
- C. Plasmodium malariae
- D. Plasmodium falciparum**

★ 94. Identify the organism seen in a patient with history of chills and fever for 7 days ?

- A. Plasmodium vivax
- B. Plasmodium ovale
- C. Plasmodium malariae
- D. Plasmodium falciparum**



★ 95. what is the vector for orientia Tsutsugumushi?

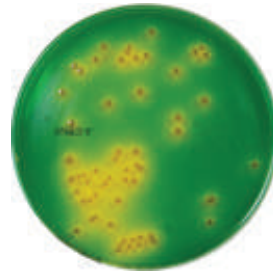
- A. Louse
- B. Flea
- C. Mite**
- D. Tick

★ 96. What is the mechanism of action of Diphtheria toxin?

- A. cAMP inducer
- B. Inhibit GABA release
- C. Inhibit Ach release
- D. ADP ribosylation of EF2 - decrease protein synthesis**

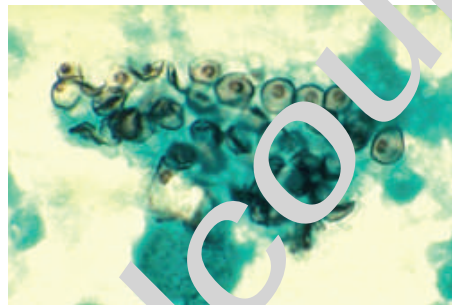
- ★ 97. A patient presented with diarrhea and the organism on microscopy shows darting motility. Identify the culture media used to grow this organism?

A. TCBS agar
B. BSA
C. PTA
D. Thayer martin media



- ★ 98. A patient with HIV positive presented with a pulmonary infection. Bronchoalveolar lavage was performed and image of this given below? Identify the organism.

A. Streptococcus pneumoniae
B. Cryptococcus neoformans
C. **Pneumocystis jirovecii**
D. Klebsiella pneumonia



- ★ 99. Identify the pathogen ?

A. Trichophyton
B. **Epidermophyton floccosum**
C. Microsporum
D. Trichosporon



- ★ 100. Diagnostic test for monkeypox virus is ?

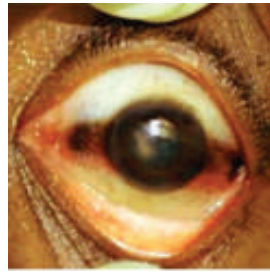
A. ELISA
B. **PCR**
C. Hemagglutination test
D. Serum AL test

- ★ 101. Quadranucleated cyst is seen in case of ?

A. **Entamoeba histolytica**
B. cryptosporidium
C. Trichomonas
D. Plasmodium

★ 102. Which of the following eye sign is given in the image

- a. Tache noire
- b. Kevorkian sign
- c. Corneal changes after death
- d. Changes in vitreous humor



★ 103. A vegetable vendor's son was found missing since 5 days he doesn't have any criminal background. His body was found later in a decomposed state and extensive putrefaction were seen. Which of the following will be used to identify the dead body ?

- A. DNA Profile
- B. Dental profiling
- C. Fingerprint
- D. Photo match

★ 104. A person died suddenly when his family was abroad. Viscera was preserved during autopsy, Which of the following can be altered normally in visceral organs even on non-consumption before his death in this situation.

- A. Alcohol
- B. Aconite
- C. Arsenic
- D. Morphine

★ 105. The Honorable Supreme court of India has banned one of the following, which is infamous among doctors for sexual assault cases

- A. Foleys catheter insertion
- B. Colposcopy
- C. PV speculum
- D. Two finger test

★ 106. In Rint case, police took 5-6 people in custody out of which one person named Mohan died. The Inquest in this case is done by ?

- A. Jail superintendent
- B. Executive magistrate
- C. Judicial magistrate
- D. Head constable

★ 107. During the winter season, 4 people were sleeping in a closed room with a bit coal stove. The next morning all 4 people are found dead. What signs would be seen during the post-mortem examination

- A. Cherry red skin and viscera
- B. Cyanosed lip and face
- C. Blue lines on gums
- D. Marbling

★ 108. Accidental death occurred in a man three days after the accident. During the postmortem examination, bleeding was observed on the outer surface of the head that was not washed away by water, identify the type

- A. Epidural
- B. Subarachnoid
- C. Subdural
- D. Intraparenchymal



★ 109. Gastric lavage is contraindicated in which of the following

- A: phenytoin tab ingestion
- B: Iron tab Ingestion
- C: Ingestion of Hydrocarbons
- D: Any poison within 1 hour

★ 110. In a case of alcohol abuse, blood during autopsy is preserved in

- A. Sodium fluoride
- B. Rectified spirit
- C. Sodium chloride
- D. Formalin

★ 111. In a drowning case primary relaxation is seen in all muscles except one group of muscles. What is this condition known as ?

- A. Rigor mortis
- B. Cadaveric spasm
- C. Pugilistic attitude
- D. Washerwoman hand & feet

- ★ 112. Which of the following structure is responsible for sending impulses of balance and equilibrium?
- Semicircular canal**
 - Cochlea
 - Vestibule
 - Organ of corti
- ★ 113. A pregnant woman with deafness came for evaluation and it found to have 50dB hearing loss, which of the following structure is responsible for this findings ?
- Ossicular fixation without intact tympanic membrane
 - Ossicular fixation with intact tympanic membrane**
 - Erosion with drum injury
 - Erosion without drum injury
- ★ 114. What is the name of the staging used for juvenile Nasopharyngeal angiofibroma?
- FISCH**
 - TNM staging
 - Ann Arbor staging
 - Dukes staging
- ★ 115. What is the most commonly used test for newborn hearing?
- OAE**
 - BERA
 - Pure Tone Audiometry
 - Tympanometry
- ★ 116. A female child brought by her mother with complaints of recurrent episodes of infection with mouth breathing and is asking to increase voice while watching TV what will be the next best step in this child ?
- Antibiotic therapy
 - Watchful waiting
 - Adenoidectomy with grommet insertion**
 - Incision
- ★ 117. Which vitamin deficiency leads to laryngismus stridulus ?
- Vitamin E
 - Vitamin D**
 - Vitamin A
 - Vitamin C

★ 118. A patient presented after trauma with a whitish discharge from nose which cannot be sniffed back, all of the following can be done in the management except ?

- a. Pinching of nose and conservative management
- b. Antibiotics therapy with acetazolamide
- c. Bed rest with head elevation & avoidance of staining activities
- d. **Immediate Surgical repair without initial medical management**

★ 119. Identify the most common location of Nasopharyngeal carcinoma?

- A. 1
- B. 2**
- C. 3
- D. 4



★ 120. Which of the following are symptoms of Gradenigo syndrome?

- a. **Ear discharge, retro orbital pain, and Diplopia**
- b. Nasal discharge, retro orbital pain, and Diplopia
- c. Ear discharge, retro orbital pain and headache
- d. Retro Orbital pain, Diplopia and hearing loss

★ 121. Which structure does the anterior ethmoidal sinus drain into?

- a. **Middle meatus**
- b. Inferior meatus
- c. Superior meatus
- d. Sphenoid sinus

★ 122. A patient with a history of trauma presents with hearing loss. A High-Resolution Computed Tomography scan was performed. Which of the following structures is not typically visualized of HRCT?

- a. Cochlea
- b. Vestibule
- c. Semicircular canal
- d. **Organ of Corti**

★ 123. A patient presented with compression of the anterior ethmoidal nerve, which of the following structure is responsible for this compression?

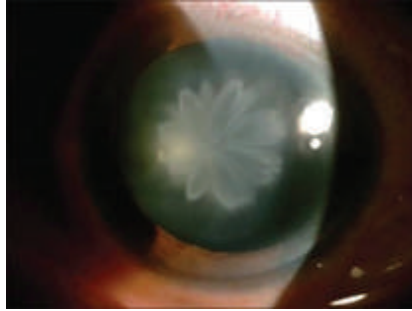
- a. Superior turbinate
- b. Middle turbinate**
- c. Inferior turbinate
- d. nasal septum

★ 124. Which of the following structure has Ostmann's fat pad ?

- A. Ear lobule
- B. Buccal fat
- C. Tip of nose
- D. **Eustachean Tube**

★ 125. What type of cataract is associated with blunt trauma?

- a. Rosette cataract
- b. Christmas tree cataract
- c. Snowflake cataract
- d. Sunflower cataract



★ 126. What could be the cause of acute sudden painful diminution of vision with mid dilated pupil?

- a. Angle closure glaucoma
- b. Optic neuritis
- c. CSR
- d. Cataract

★ 127. A patient presented with loss of vision with a Curtain falling sign, this is seen in case of ?

- a. Retinal detachment
- b. Macular degeneration
- c. Optic atrophy
- d. Acute anterior uveitis

★ 128. What could cause a sudden loss of vision, without fundal glow and no history of trauma ?

- a. Vitreous hemorrhage
- b. Optic atrophy
- c. Acute congestive glaucoma
- d. Acute anterior uveitis

★ 129. What diagnosis is suggested by having different refractive powers +5D in one eye and +1D in the other eye?

- a. Refractive errors
- b. Amblyopia
- c. Anisometropic amblyopia
- d. Malingering

★ 130. Beaten Bronze appearance in cornea is seen in?

- A. Epithelial
- B. Stroma
- C. Subepithelial
- D. endothelium

★ 131. identify the following ?

- A. Universal retractor
- B. **Spring wire**
- C. Doyens speculum
- D. Mouth clamp



- ★ 132. For what population size is an urban primary health centre (U- PHC) typically intended ?
- A. 1 per population of 50,000
 - B. 1 per population of 100,000
 - C. 1 per population of 250,000
 - D. 1 per population of 200,000
- ★ 133. Which technology is based on surveillance related web portal?
- A. Nikshay
 - B. Nischay
 - C. Dots99
 - D. DOTS
- ★ 134. For a pregnant woman what is the Ideal antenatal visits ?
- A. 12-14
 - B. 7-8
 - C. 1-3
 - D. >15
- ★ 135. A gym owner notices that people who drink iced tea and it is one of the reason for the reduction in weight. The drinking of tea in this case is related with which type of relationship ?
- A. Spurious
 - B. Relative
 - C. Direct
 - D. Indirect
- ★ 136. Most common cancer in females in India ?
- A. Breast cancer
 - B. Vulva cancer
 - C. Cervical cancer
 - D. Oral cancer
- ★ 137. CR of a population is 19 and CDR is given as 6 .find annual growth rate ?
- A. 0%
 - B. 1%
 - C. 0.6%
 - D. 1.3%

- ★ 138. A woman develops edema, Visual disturbances, and heart failure after consuming a food item. What is the most likely Adulteration?
- A. Sanguinarine
 - B. BOAA
 - C. Pyrrolizidine
 - D. Aflatoxin
- ★ 139. What percentage of data falls within one standard deviation of the mean in a normal distribution?
- A. 68%
 - B. 95%
 - C. 98%
 - D. 99%
- ★ 140. Wasting in a child is assessed by which of the following measures ?
- A. Weight- for - height
 - B. Weight - for - age
 - C. Height- for - weight
 - D. Height- for -age
- ★ 141. What concentration of fluoride is typically associated with causing crippling fluorosis ?
- A. >10 mg/L
 - B. >6mg/L
 - C. >3mg/L
 - D. >1.5mg/L
- ★ 142. MMR & IMR to be achieved by 2030 ?
- A. 70 MMR 30 IMR
 - B. 100 MMR 40 IMR
 - C. 100 MMR 70 IMR
 - D. 100 MMR 30 IMR
- ★ 143. Which pneumoconiosis is caused by exposure to cotton dust ?
- A. Byssinosis
 - B. Bagassosis
 - C. Anthracosis
 - D. Silicosis

- ★ 144. A patient delivered a child, As a intern you want to advise the mother regarding the exclusive breast feeding, What advice should be given to a mother for exclusive breastfeeding for ?
- A. 6 months
 - B. 4 months
 - C. 8 months
 - D. 12 months
- ★ 145. The Anemia mukt bharat program aims to address anemia across India through targeted interventions. Which statement accurately describes it's administration of iron & Folic Acid (IFA) supplementation ?
- A. IFA is provided during the 2nd trimester of pregnancy upto 6 months.
 - B. IFA supplementation is administered solely during pregnancy
 - C. A 100 day course of IFA supplementation is sufficient
 - D. Administering IFA during the 1st trimester is adequate
- ★ 146. In a given population, total birth is 1050. There are 50 live births. 50 neonates die within 7 days of life whereas 150 died within 8-28 days of life. What is the NMR in this population?
- A. 12.5
 - B. 50
 - C. 25
 - D. 72.5
- ★ 147. A young patient suddenly developed features of vision loss and is found to have normal visual acuity in right eye and decreased visual acuity in left eye, what is the definition of blindness based on WHO ? (option)
- A. 6/60 after best possible correction
 - B. 3/60
 - C. 6/18
 - D. 1/60
- ★ 148. Morbidity of a disease is increasing. Identify the correct statement.
- A. Incidence & prevalence of a disease are not related to it
 - B. Incidence will increase prevalence will decrease
 - C. Incidence will increase prevalence will also increase
 - D. Incidence will decrease prevalence will increase

- ★ 149. A woman who got an IUCD inserted before 1 month and is presented with heavy bleeding and itching, As an intern what is your next step in management ?
- A. Iron supplementation & observation
 - B. Remove IUCD
 - C. Antibiotics & iv fluids
 - D. Blood transfusion
- ★ 150. A child is diagnosed with RHD. For children with RHD we provide Penicillin injection prophylaxis as treatment, what is the level of Prevention used in this case ?
- A. Primordial Prevention
 - B. Primary Prevention
 - C. **Secondary Prevention**
 - D. Tertiary Prevention
- ★ 151. Per capita space for each worker according to Factory Act is ?
- A. 100cuft
 - B. 300cuft
 - C. 400cuft
 - D. **500 cu ft**
- ★ 152. Heart of activated sludge process ?
- A. Primary sedimentation tank
 - B. Secondary sedimentation tank
 - C. **Aeration tank**
 - D. Anaerobic digestion
- ★ 153. Folic acid deficiency in pregnancy can cause ?
- A. **NTD**
 - B. Preterm labor
 - C. Pernicious anemia
 - D. IDA
- ★ 154. For preventing the Neural tube defects which of the following is used ?
- A. **Folic acid**
 - B. Zinc
 - C. Vitamin B12
 - D. Vitamin B3

- ★ 155. In a community for malaria out of those vaccinated 6 had disease and out of those non vaccinated 12 had disease. Calculate the Relative Risk based on the given information?

	Exposed to malaria	Non- Exposed to malaria	Total
Vaccinated	6	94	100
Non-vaccinated	12	88	100

- A. 2
 B. 0.5
 C. 1
 D. 0.67
- ★ 156. Mr J age of 68, Mrs J age 66, their son age is 30 and his wife age 27 and a grandson of 5 years old. What is the no of dependents in the family ?
- A. 125%
 B. 67%
 C. 50%
 D. 33%
- ★ 157. In a population of 30,000; live births are 500. Calculate crude birth rate per 1000 population:(2010 , 2022)
- a. 0.167
 b. 1.67
 c. 16.7
 D. 167
- ★ 158. Till which maximum time IUCD can be inserted in a post partum women?
- a. 24 hours
 b. 48 hours
 c. 12 weeks
 d. 6 weeks
- ★ 159. Free residual chlorine level after chlorination of well:
- A. 0.5 ppm after 1 hour
 B. 0.5 ppm after 2 hour
 C. 0.5 ppm after 1 hour
 D. 0.5 ppm after 2 hour

- ★ 160. According to tracking of blood pressure if blood pressure of a population is tracked from childhood to adulthood then it is observed that those with ?
- A. Lower BP in childhood will have low BP in adulthood
 - B. Lower BP in childhood will have high BP in adulthood
 - C. Higher BP in childhood will have low BP in adulthood
 - D. Lower BP in childhood will have normal BP in adulthood
- ★ 161. Young unmarried female coming for post coital contraception. which drug you will give
- a. LNG
 - b. **Desogestrel**
 - c. IUCD
 - D. OCP
- ★ 162. Which term refers to the practice of instilling a particular point of view in people's minds and inhibiting their independent thought ?
- A. **Health propaganda**
 - B. Health promotion
 - C. Health awareness
 - D. Health education
- ★ 163. Paris green dust is used for killing
- A. **Anopheles larva**
 - B. Malaria parasite
 - C. Mites
 - D. Adult mosquito

- ★ 164. What is the fluid requirement in a 3 days old baby with birth weight of less than 1500 grams and currently the baby weights 1300 grams?
- 80-90 ml /kg/day
 - 100-110ml /kg/day
 - 120-130 ml /kg/day**
 - 130-150 ml /kg/day
- ★ 165. A mother palpates her child head and finds some part is not yet closed anteriorly, how many months does the structure normally takes to close ?
- 48 months
 - 6-12 months
 - 36 months
 - 13-24 months**
- ★ 166. A child brought to the OPD with difficulty in breathing , on palpation of pulse, A difference in the pulse of upper limb and lower limb is noted , what is the condition expected ?
- TGA
 - COA**
 - TOF
 - Ebstein anomaly
- ★ 167. A baby who can ride a tricycle, can walk alternate steps on up stairs, he cannot do hopping. What is the age of the baby?
- 2.5 years
 - 3.5 years**
 - 4.5 years
 - 5.5 years
- ★ 168. In which of the following condition newborn will presents with dry ,rough skin, a enlarged tongue and rough hair ?
- Cretinism**
 - Prader Willi syndrome
 - Edward syndrome
 - Galactosemia
- ★ 169. A Child presents with a features of cleft lip and palate ,Mental reatardation what is the probable diagnosis ?
- Patau syndrome**
 - Edward syndrome
 - Prader -willi syndrome
 - Angleman syndrome

- ★ 170. A person was short stature because of his maternal height (130) paternal 180, calculate the height of the child based on the mid parental height ?
- A. 185.5
 - B. 189.5
 - C. 165
 - D. 195.5
- ★ 171. Iv fluid of choice in a child with diarrhea and dehydration
- A normal saline
 - B ORS
 - C RINGER LACTATE
 - D NS +DEXTROSE 5%
- ★ 172. A weak and lethargic child presented to pediatrician with periorbital edema and malnutrition. which of the following is likely diagnosis?
- a. Kwashiorkor
 - b. **Marasmus**
 - c. Protein deficiency syndrome
 - d. None of above
- ★ 173. A 5 year old male child presented with weakness of lower limb and is standing up with help of his hands on examination has positive Gower's sign. Likely diagnosis?
- a. Spinal muscular atrophy
 - b. **Duchenne muscular dystrophy**
 - c. Spina bifida
 - d. Cerebral palsy
- ★ 174. A 2 year old child is presenting with complaints of fever and cough for 2 days duration. On examination respiratory rate is 44/min with some chest retractions. However, child is able to drink and feed normally with normal Spo2 what should be the management?
- a) Give oral antibiotics and warn parents about danger signs
 - b) Send home with only paracetamol
 - c) Immediate hospital admission
 - d) Referral to higher centre

★ 175. Identify the following image

- A. Lippes loop
- B. Cu T 380 A
- C. Multiload 375
- D. Mirena



★ 176. According to the 2021 MTP act, MTP is allowed for contraceptive failure till what gestational age?

- A. 12 weeks
- B. 20 weeks
- C. 24 weeks
- D. no upper limit

★ 177. According to FIGO infrequent (extended) menstrual cycle length is:

- a. Up to 28 days
- b. Up to 14 days
- c. Up to 35 days
- d. More than 38 days

★ 178. location of bartholin gland is

- A. Anterior 1/3 rd of labia majora
- B. Posterior 1/3 rd of labia majora
- C. lateral 1/3rd of labia Majora
- D. middle 1/3 rd of labia Majora

★ 179. function of inhibin is

- A Inhibits FSH
- B increase FSH Secretion
- C Inhibits estradiol
- D Increases estradiol

★ 180. Indication for Early Cord clamping is

- A. Rh Negative mother
- B. Eclampsia
- C. Diabetes Pt
- D. preterm delivery

★ 181. Ideal time of umbilical cord Clamping is

- A. Between 1-3 min
- B. Between 3-5 min
- C. within 1 minute
- D. After 5 minutes

★ 182. In Cases of suspected Ectopic Pregnancy what is the Best indicator

- A. Estrogen
- B. LH
- C. Progesterone
- D. **Beta HCG**

★ 183. Outlet forceps are used at

- A. at +2 Station
- B. at 0 Station
- C. **Head on perineum +3 Station**
- D. Head 1/5th Palpable per abdomen

★ 184. ventous delivery is Contraindicated in

- A. **Pre term Labour**
- B. Decreased bear down effort
- C. Heart disease
- D. 8 cm cervical dilation

★ 185. A 26 year old nulliparous woman Presents with No cystocele, No rectocele but has a third degree perineal prolapse. Appropriate management of uterine prolapse in unmarried lady is.

- a. **Abdominal sling operation**
- b. Fothergill
- c. lefort
- D. Shiraki

★ 186. Puerperal pyrexia is increase in temperature after____ hours of delivery:

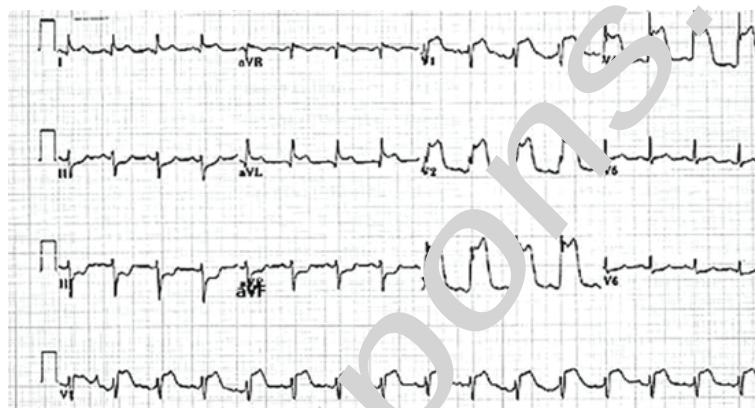
- a. **After 24 hours temperature more than 100.4 degrees Fahrenheit**
- b. After 12 hours temperature more than 100.4 degrees Fahrenheit
- C. After 3 hours temperature more than 100.4 degrees Fahrenheit
- d. After 6 hours temperature more than 100 degrees Fahrenheit

- ★ 187. Tandem Radiotherapy and ovoid is treatment of choice for
- Vulval cancer
 - Cervical cancer**
 - Endometrial Cancer
 - vaginal Cancer
- ★ 188. A 28- Year old P1 L 1 lady presents with irregular bleeding past 1.5 months pV, What is the first Investigation ?
- Endometrial biopsy
 - Abdominal ultrasound
 - Transvaginal ultrasound
 - Urine Pregnancy test**
- ★ 189. A lady G2 P2 presents to the OPD at 17 weeks pregnancy with Blood pressure > 140/90 mm Hg four hours apart . Diagnosis is:
- Pre-eclampsia
 - Gestational hypertension
 - Chronic hypertension**
 - HELLP syndrome
- ★ 190. Which is the most common cause of thrombocytopenia in pregnancy
- benign gestational thrombocytopenia**
 - HELLP syndrome
 - Pre-eclampsia
 - Immune Thrombocytopenic Purpura
- ★ 191. A lady Presented with History of Lower Segment Cesarean Section now posted for VBAC identify the incorrect statement regarding this
- No prior Uterine Rupture
 - spontaneous Normal Vaginal delivery
 - 4-9% Scar Rupture**
 - Emergency C section facility should be available
- ★ 192. A 32 year old lady presents with Intermenstrual spotting after the insertion of IUCD in first month. She has no other Complication What is the next step:
- Iron supplements and reassurance**
 - Remove IUCD
 - observation and Reassurance
 - oral antibiotics

- ★ 193. A lady with previous lower Segment Caesarean section presents with occiput posterior position. What is next step in management ?
- Perform Caesarean section
 - External cephalic version
 - Vacuum assisted delivery
 - Attempt Normal vaginal delivery**
- ★ 194. What is the recommended approach to manage nausea and vomiting of pregnancy :
- Small and frequent Meal**
 - increase fluid intake
 - Domperidone
 - Metoclopramide
- ★ 195. A female in active stage of labour , head was delivered 3 minutes back but the but shoulders were struck & not delivered yet how will you define this condition ?
- Occipitoposterior
 - Cephalopelvic disproportion
 - Breech
 - Shoulder dystocia**
- ★ 196. A 35 year-old lady presents with irregular periods, acne , excessive hair growth, acantosis nigricans and infertility . On evaluation she is found to have Increased serum testosterone and insulin Resistance. What will be possible Diagnosis ?
- PCOS**
 - Endometriosis
 - Ovarian tumour
 - Pre mature ovarian failure
- ★ 197. lemon and Banana sign in Ultrasound seen in case of ?
- Neural tube defects**
 - TWIN
 - Down Syndrome
 - Hydrocephalus

- ★ 198. Which wall of myocardium is involved this patient presenting with chest pain and ECG findings shown below?

A. Anterior wall
B. Posterior wall
C. Inferior wall
D. Lateral wall



- ★ 199. 30-year-old woman presents with generalized muscle weakness, ptosis and double vision that worsens with activity and improves on rest. She has difficulty in chewing and swallowing in evening hours. Tensilon test shows improvement in muscle power. Which of the following is most sensitive to confirm her diagnosis?

A. CT chest
B. Single fibre Electro myocardiography
C. Anti Ach R antibody
D. NCV

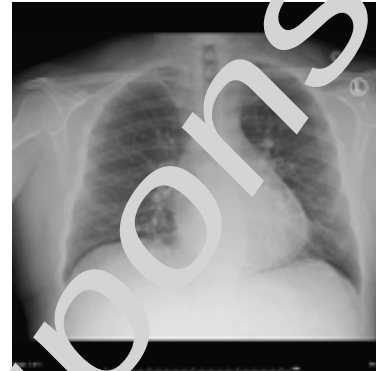
- ★ 200. A 5-year-old Child develops paralysis in both legs and then upper limbs. Lower limb weakness is more than upper limb weakness subsequently he shows recovery and currently has paralysis of lower trunk and both legs only. Diagnosis is

A. Diplegia
B. Quadriplegia
C. Paraplegia
D. Monoplegia

- ★ 201. Lumbar puncture was done in-patient in sitting position and patient- Having very severe headache. Which of the following is not done in patient till 72 hours?

A. Lie in supine position
B. Stop taking caffeine
C. Restricted water intake
D. Low volume blood patch

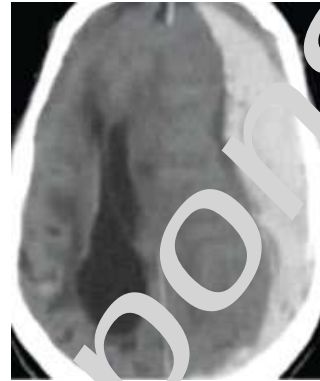
- ★ 202. 50-year-old man who has history of Tuberculosis presents with complaints of pedal edema and abdominal distention. Neck veins are prominent. His radiological finding is shown below. Which of the following findings will be likely seen in this patient.



- A. Pulsus Bisferians
B. Kussmaul Breathing
C. **SBPc Decrease >10 mm Hg**
D. Fine crepitations
- ★ 203. 45-year-old woman with obstructive lung disease is on Budesonide and tiotropium but still is having breathlessness and increased exacerbation. Which of the following is best for to increase his long-term survival?
- A. Nebulization - LAMA + LABA
B. **Low flow oxygen**
C. P.P.V
D. Pneumococcal vaccine
- ★ 204. Patient presents with complaints of fever, headache, vomiting episodes seizures and convulsion. Brain Imaging Show Exudates in Periventricular area. On examination nuchal rigidity for past 2 weeks is noted with following LP report
- Opening pressure: elevated
Cells= PMN 85%. predominance
Sugar- 35 mg/dl
Protein= 200 mg/dl
Color- slight cloudy appearance
Comment on appropriate diagnosis?
- A. Mollorite meningitis
B. Viral Meningitis
C. Tuberculous meningitis
D. **Pyogenic meningitis**
- ★ 205. Relative bradycardia is seen which of the following
- A. **Brucella**
B. Dengue
C. Malaria
D. Filariasis

- ★ 206. Type 2 Diabetes mellitus patient develops hypoglycemia and sustains a fall. Since he is not able to talk coherently, NCCT head was done. What is next immediate step in management of this patient?

A. Mannitol
B. Aspirin and clopidogrel
C. Give tPA
D. **Stabilize and do neurosurgery consult and administer Vit K and FFP**



- ★ 207. Which of the following is used to assess the long term Glycemic Control

A. Fasting Blood sugar
B. Random Blood Sugar
C. Serum fructosemine
D. **HbA 1c**

- ★ 208. Which CD count does Kaposi sarcoma typically present?

A. > 500
B. 200-350
C. <200
D. **350-500**

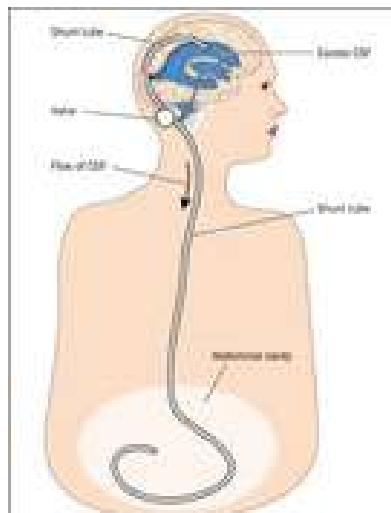
- ★ 209. 45 year old patient presents to the hematologist with complaints of weakness and fatigue. Laboratory investigations revealed low Hb and low reticulocyte count WBC and platelet count and within normal limits. BM shows selective decrease in erythroid precursors. Based on the information given what is likely diagnosis?

A. Aplastic anemia
B. **Pure red cell aplasia**
C. Iron deficiency anemia
D. Hemolytic anemia

- ★ 210. Dermatitis Herpetiformis as a Intestinal manifestation is Seen in case of ?

A. **Celiac Sprue**
B. Ulcerative Colitis
C. Whipes disease
D. Chrons disease

- ★ 211. 21-year-old person presents with episodes of chest pain. Physical examination shows pulsus bisferiens and heaving apex. Comment on diagnosis?
- A. Dilated Cardiomyopathy
 - B. Hypertrophic Cardiomyopathy**
 - C. Mitral stenosis
 - D. Aortic stenosis
- ★ 212. Child is brought with complaints of failure to thrive and having chronic diarrhea. Child is pale on examination. Which of the following will be best suited for this child?
- A. Tetracycline**
 - B. Doxycycline
 - C. Fidaxomicin
 - D. Probiotics
- ★ 213. Gaisbock syndrome is associated with
- A. Thrombocytopenia
 - B. Thrombocytosis**
 - C. Leulocytopenia
 - D. Anemia
- ★ 214. A Person admitted to the emergency department with features of hypertensive emergency, urinary Incontinence, and ataxia. The following procedure is done in him. Identify the procedure in a patient with hydrocephalus.
- A. Ventriculoperitoneal shunt**
 - B. Ventriculointestinal shunt
 - C. Pleuroperitoneal shunt
 - D. Aortovenricular shunt

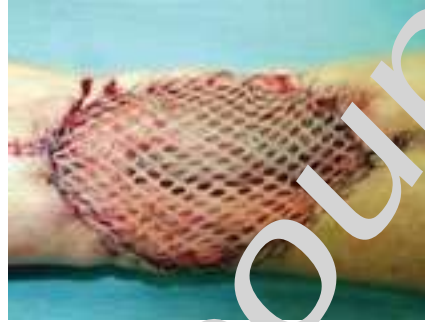


★ 215. In indirect inguinal hernia surgery which nerve is most commonly injured?

- A. Femoral nerve
- B. **Genitofemoral nerve**
- C. Obturator nerve
- D. Pudental nerve

★ 216. What is the type of skin graft used in this image?

- A. **Theirsch graft**
- B. Deeper split thickness
- C. Thick split-thickness skin
- D. Myocutaneous flap



★ 217. 2-week old child was brought to the Emergency with a Recurrent Episode of non bilious vomiting He was dehydrated Lethargic what should be corrected before Performing surgical treatment in this baby

- A. **Hypokalemia**
- B. Hyperkalemia
- C. Hyponatremia
- D. Hypernatremia

★ 218. What is the common incision used for an appendectomy?

- A. **GRID IRON**
- B. Kocher's
- C. Midline incision
- D. Battle incision

★ 219. A patient following a road traffic accident presented with subcutaneous emphysema. On auscultation, there was no air entry on the affected side. Vitals were unstable. What will be your immediate management?

- A. **Insertion of wide bore needle in the 5th intercostal space**
- B. Wide bore needle decompression and IV fluids
- C. Tracheostomy
- D. Endotracheal intubation

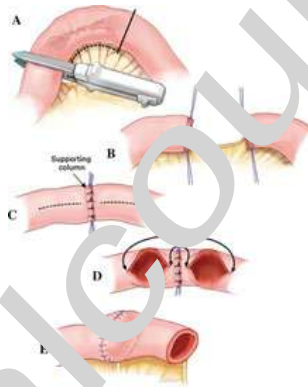


★ 220. During excision around the sublingual gland which structure is most likely to be injured?

- A. Lingual nerve
- B. Mylohyoid muscle
- C. Submental artery
- D. Sublingual artery

★ 221. Identify the operative Procedure shown in Image

- A. Primary Closure of Perforation
- B. Resection and anastomosis
- C. Ileostomy
- D. Resection alone



★ 222. The patient presented to OPD with a dilated tortuous leg vein, with a history of trauma 10 years back on the same leg, On examination pulsatile vein is also visible, what is the likely diagnosis?

- A. Varicose vein
- B. Pseudoaneurysm
- C. Hemangioma
- D. A-V Fistula

★ 223. Identify the type of ulcer?

- A. Arterial ulcer
- B. Venous ulcer
- C. Trophic ulcer
- D. Diabetic ulcer



- ★ 224. What is the diagnosis of the given image and what next investigation is required for management?

- A. Erythroplakia and biopsy
- B. Erythroplakia and observation
- C. Leukoplakia and biopsy
- D. Leukoplakia and observation



- ★ 225. A young adult presented to OPD with a complaint of mass in the testes. An orchidectomy was performed. Which among the following has the best prognosis?

- A. Seminoma
- B. Teratoma
- C. Yolk sac tumor
- D. Leydig cell tumor



- ★ 226. A lady presented to OPD 10 days after delivery with a chief complaint of tenderness and engorgement of the breast, what is the most likely diagnosis?

- A. Breast cyst
- B. Breast abscess
- C. Mastitis
- D. Fibroadenoma

- ★ 227. A patient underwent surgery for pilonidal sinus, which type of flap is used in this surgery?

- A. Rotational flap
- B. Transposition flap
- C. Axial flap
- D. Advancement flap



- ★ 228. A patient came to OPD with a chief complaint of swelling in the Neck region which moves with deglutition and protrusion of the tongue, there is a rupture of swelling with pus discharge, what is the preferred treatment?
- It represents the Ectopic thyroid tissue
 - Acid fast staining is done to make the diagnosis
 - Incision and Drainage should be done**
 - It can progress to squamous cell carcinoma
- ★ 229. A 54 year old male, following binge drinking and heavy meals, was brought to the emergency with sudden onset of severe left sided chest pain radiating to the left shoulder. Pneumomediastinum was present. What is the likely diagnosis?
- Mediastinal air leak
 - Esophageal perforation**
 - Pneumoperitoneum
 - Peptic ulcer
- ★ 230. Which of the following pathology is shown in the image?
- Sub acute intestinal obstruction
 - Paralytic ileus
 - Pleural effusion
 - Hollow viscus perforation**



- ★ 231. A patient has underwent laparoscopic cholecystectomy. Identify the structure marked?
- Cystic artery**
 - Cystic duct
 - Right hepatic artery
 - Hepatic duct



★ 232. Identify what is depicted in the abdominal X-Ray and the procedure for insertion ?

- A. ERCP and Bile duct
- B. ERCP and Pancreatic duct
- C. Percutaneous transhepatic balloon catheter
- D. Subcutaneous



★ 233. Which of the following is not an indication of splenectomy?

- A. Iatrogenic splenic trauma
- B. Thrombocytopenia
- C. Hairy cell leukemia
- D. Bone marrow failure

★ 234. A patient was brought to the emergency with diffuse abdominal pain and abdominal wall rigidity. Exploratory laparotomy was done and following was found. What would you do in the management of this patient?

- A. Resection of the diseased segment and end to end anastomosis
- B. Cleaning the edges of the ulcer and apply the Omental patch
- C. Simple primary repair
- D. Ileostomy



★ 235. A patient was brought to the emergency with flame burns. On clinical evaluation there were deep burns involving the left upper limb, the right upper limb, and the anterior aspect of the chest and abdomen. How much percentage of burns would it be classified as?

- A. 36%
- B. 18%
- C. 27%
- D. 54%

- ★ 236. While doing a venesection for a Burn injury Patient, which nerve is prone to injury?
- Sural nerve
 - Saphenous nerve**
 - Femoral nerve
 - Peroneal nerve
- ★ 237. A patient presented with red, tender swelling in the inguinal region. The swelling is vascular and Pulsatile. On evaluation the BP was low which of the following is more appropriately next step in management of this patient?
- Do Angiography to confirm the diagnosis**
 - First antibiotics and observation
 - Incision and drainage
 - Surgery and inferior Epigastric removal
- 
- ★ 238. Pt who has incisional Hernia History Which of the following method is shown in the surgical procedure to close the abdominal wound with the help of a mesh?
- Onlay
 - Sublay
 - Inlay
 - Intraperitoneal**
- 
- ★ 239. Which of the following is correct regarding the patient who presented with the following as shown in the image. earlier the abdominal mass was reducible, but now it has become irreducible?
- Mass as shown should be removal
 - Mass should be reduced by a surgical procedure and mesh repair should be done
 - Mass should be reduced and anatomical repair by suturing the abdominal wall defect should be done
 - Mass should be reduced, mesh repair should be done and the redundant skin should be excised**
- 

- ★ 240. An adult male presented to the OPD with fever, swelling in the scrotum which was painful. The swelling was in relation to the tunica vaginalis and fluid collection was present. What is the probable diagnosis?

A. Varicocele
B. **Hydrocele**
C. Cystocele
D. Rectocele



- ★ 241. Which of the following is used in the treatment of GIST?

A. Methotrexate
B. Pertuzumab
C. **Imatinib**
D. Cisplatin

- ★ 242. Which of the following is correct for this device as shown?

A. It is primarily used to measure the blood flow and detect flow abnormalities in blood vessels
B. It is used for the localization of the calcified plaque and thrombus
C. **It is used to measure the systolic blood pressure**
D. It is used to check the thickness of artery



- ★ 243. A person fell from the train and injured his both legs few years back. The amputation was done as shown in the image. What is the most likely reason for doing such an amputation?

A. **It is done as a life saving measure**
B. It is done so as to enable the patient to use adequate for walking
C. For providing emotional support
D. For usage of prosthesis



- ★ 244. Q-A patient suffered from prick injury over the palm as shown in the image given below. Which of the following is a correct statement about this type of injury?

- A. It shows a frog like appearance
- B. It is more common on the dorsal surface of the hand
- C. It requires incision and drainage
- D. It should be treated by removal of the cause



- ★ 245. Structure preserved in the management of this case

- A. Accessory nerve and sternocleidomastoid
- B. Only spinal accessory nerve
- C. Accessory nerve and internal jugular vein
- D. Accessory nerve, sternocleidomastoid, and internal jugular veins



- ★ 246. Which of the following statement is correct regarding the pathology shown?

- A. This abnormality can be likely due to abnormal compression of-ureter by an artery and vein
- B. This type of pathology is better seen when ^{99m}Tc dimercaptosuccinic acid radio active substance is used
- C. <10% of renal function
- D. < 20% of renal function



- ★ 247. The given image indicate?

- A. It requires incision and removal
- B. It is due to chronic osteomyelitis
- C. It can progress to Squamous cell carcinoma
- D. Treatment is reassurance



- ★ 248. Cardio- pulmonary resuscitation in adults, the ideal ratio in the presence of two rescuer is ?
- A. 30:1
 - B. 30:2**
 - C. 15:1
 - D. 15:2
- ★ 249. Which of the following drug act on an NMDA Receptor?
- A. Ketamine**
 - B. Propofol
 - C. Sodium thiopentone
 - D. Etomidate
- ★ 250. Most Common intravenous anesthetic Agent used for TIVA (Total intravenous Anesthesia)
- A. Sodium Thiopentone
 - B. propofol**
 - C. Halothane
 - D. Ketamine
- ★ 251. Which of the following comes Under ASA Grade 1?
- A. Healthy Person**
 - B. Mild Disease
 - C. Moderate diseases
 - D. Morbid patient
- ★ 252. Mallampati Scoring system is Used to asses the Difficulty for?
- A. Orogastric Tube insertion
 - B. Endotracheal tube insertion**
 - C. Nasopharyngeal Airway insertion
 - D. Oropharyngeal Airway insertion
- ★ 253. Which of the following is the topical local Anesthetic Used in Cataract Surgery?
- A. Cocaine 0.5%
 - B. Bupivacaine 0.5%
 - C. Proparacaine 0.05%
 - D. Lignocaine 2%**

★ 254. Which of the following is the most radio-sensitive organ?

- A. Testis
- B. Bones
- C. Nerves
- D. Muscles

★ 255. PET based on which of the following?

- A. Oxygen uptake
- B. **Glucose metabolism**
- C. Protein metabolism
- D. Fat metabolism

★ 256. Which of the following contrast used in the PET?

- A. **FDG**
- B. Gadolinium
- C. Calcium
- D. Iohexol

★ 257. Identify the image given below

- A. Duodenal atresia
- B. **Jejunal atresia**
- C. Small bowel obstruction
- D. Pyloric atresia

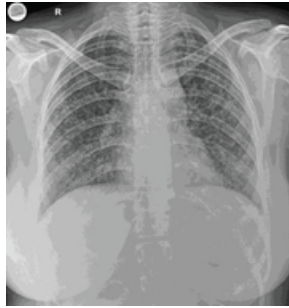


★ 258. Ga-67 PSMA scan is used to diagnose which of the following condition?

- A. Lung cancer
- B. **Prostate cancer**
- C. Liver cancer
- D. Colon cancer

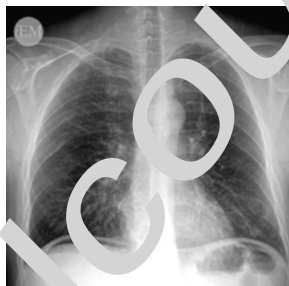
- ★ 259. A patient presented with a productive cough for 3 months, on hospital evaluation the following X-ray is obtained, Make a diagnosis based on the X-ray given below?

- A. Lung cancer
- B. Miliary TB**
- C. ARDS
- D. Aspergilloma



- ★ 260. Make diagnosis based on the given X-ray?

- A. Volvulus
- B. Small bowel Obstruction
- C. Esophageal perforation
- D. Hollow viscous perforation**



- ★ 261. A patient who was treated for TB in the past presented with hemoptosis and chest x ray is shown below. What is probable diagnosis based on his X ray findings ?

- A. Cystic Bronchiectasis
- B. Aspergilloma**
- C. Hydatid cyst
- D. Lung abscess



- ★ 262. A 40-year-old female patient presents with complaints of abdominal pain, further investigations show elevated PTH levels and renal calculi. Which of the following investigations should be done next?

- A. ICG thyroid
- B. Tc 99m sestamibi scan**
- C. DEXA scan
- D. Radioactive iodine uptake test



★ 263. A 35 year old female presents with generalized weakness and fatigue. On USG of the abdomen shows Bilateral renal calculi. His PTH was elevated. Which of the following further evaluation is to be done?

- A. TC99 sestamibi scan
- B. Early arthritis**
- C. MIBG
- D. TC99 DTPA

- ★ 264. A 50 years old female complaints of bone pain for several months. The x-ray shows the presence of cotton wool appearance and is shown below. Identify the condition:

- A. Osteosarcoma
- B. Osteochondroma
- C. Paget's disease**
- D. Ewings sarcoma



- ★ 265. Codman's triangle is seen in which of the following conditions?

- A. Osteomyelitis
- B. Aneurysmal bone cyst
- C. Osteosarcoma**
- D. Chondrosarcoma

- ★ 266. A 17 yrs. old patient presents with a growth behind the heel on Talus as shown in the image below. Identify the condition

- A. Enchondroma
- B. Osteosarcoma
- C. Osteomyelitis
- D. Osteochondroma**



- ★ 267. Using the x-ray below, identify the type of salter and harries classification

- A. Type 1
- B. Type 2**
- C. Type 3
- D. Type 4



- ★ 268. A patient had a fall on an outstretched hand. X-ray showed the first MCP joint fracture along with the subluxation. Define the fracture?
- Bennet**
 - Scaphoid
 - Reverse Colles
 - Colles
- ★ 269. The patient had an RTA and sustained a fracture of both the tibia and fibula following a primary impact injury. What is the name of the fracture?
- Bumper fracture**
 - Patella sleeve fracture
 - Depressed skull fracture
 - Cervical fracture
- ★ 270. Identify the stage of TB hip in a female with left leg shortening.
- 1
 - 2
 - 3**
 - 4
- ★ 271. Which vitamin deficiency is seen in Rickets?
- B
 - C
 - D**
 - A
- ★ 272. FRAX Criteria includes all of the following except?
- Smoking
 - Alcohol
 - Tall height
 - Weight**
- ★ 273. A female has presented with complain of hip pain. There is appreciable shortening with a limb in attitude of flexion adduction and internal rotation. The diagnosis is expected to be TB in which stage ?
- Synovitis
 - Early arthritis**
 - Late arthritis
 - Cant say based on image

- ★ 274. A mother is complaining that her young daughter has started behaving weirdly about her food habits for the last few months. She eats a lot and then she vomits out, as she is scared of gaining weight. She also indulges in over-gymming. What is the most probable diagnosis?
- A. Anorexia nervosa
 - B. Bulimia nervosa**
 - C. Pica
 - D. Binge eating disorder
- ★ 275. A chronic alcoholic person was taking 500ml for last 10 years, presented with having sensation of insects crawling on his body, agitation and irritation. He didn't drink for last 72 hours. What is the diagnosis?
- A. Alcohol toxicity
 - B. Delirium Tremens**
 - C. Delusion
 - D. Reaction with alcohol
- ★ 276. A person is afraid of height. Which phobia he is suffering from?
- A. Claustrophobia
 - B. Allurophobia
 - C. Agoraphobia
 - D. Acrophobia**
- ★ 277. A known case of depression in the past who got recovered completely. After 5 years, patient started to feel low, hopeless about future, negative emotion, lack of interest, depressive. What is the likely diagnosis?
- A. Acute psychosis
 - B. Recurrent depressive disorder**
 - C. Dysthymia
 - D. Bipolar
- ★ 278. A patient is presented to emergency with problems in eyes, walking and he was completely confused. History of alcohol was noted. What is the first line of management?
- A. I/V Lorazepam
 - B. I/V Thiamine**
 - C. I/V fluid
 - D. I/V Olanzapine

★ 279. Which of the following is not a defense mechanism?

- A. Sublimation
- B. Displacement
- C. Replacement**
- D. Altruism

★ 280. A patient is on metronidazole for diarrhea for 3 days. He went to attend the party of his friend where he had alcohol. After that he started having red rashes, itching all around his body, headache. What can be the cause for his condition?

- A. Methanol Poisoning
- B. Drug interaction**
- C. Cheese Reaction
- D. Alcohol reaction

★ 281. A patient with the last stage of cancer, and developed Symptoms of Delirium, Post anesthesia, first-line management is?

- A. Haloperidol**
- B. Risperidon
- C. Olanzapine
- D. lorazepam

★ 282. Definition of Prosopagnosia?

- A. Inability to speak
- B. Inability to perform movement
- C. Difficulty to Recognise faces**
- D. Inability to Calculate

★ 283. A patient had depressive and maniac Episode Which antipsychotic cause least weight gain ?

- A. Quetiapine
- B. Chlorpromazine
- C. Risperidone
- D. Ziprasidone**

- ★ 284. A 40 yrs old male presents with painful genital ulcers along with painful buboes. He had a history of multiple sexual partners. What is the diagnosis?

A. Chancroid
B. LGV
C. Herpes genitalis
D. Syphilis



- ★ 285. A child with sore throat who took amoxiclav, developed the following skin lesions. What is the diagnosis?

A. Guttate psoriasis
B. Pustular psoriasis
C. Erythrodermic psoriasis
D. Inverse psoriasis



- ★ 286. A female patient presents to the OPD with complaints of recurrent lesions on lips as shown below, which is associated with fever. What is the characteristic feature seen in tzanck smear?

A. Henderson pettersson bodies
B. Multinucleated giant cells
C. Acanthocytes
D. Owl eye appearance



- ★ 287. A 40-year-old female after sun exposure started developing brownish pigmentation over the face as shown below. What is the diagnosis?

A. Contact dermatitis
B. Melanoma
C. Normal sun tan
D. Melasma



- ★ 288. A young boy came to the OPD with complaints of severe itching at night. On examination, burrows are seen over intergenious areas, axilla, umbilicus and between digits. The disease is transmitted by?

A. Louse
B. Tick
C. Mite
D. Flea

“ THE FUTURE BELONGS TO
THOSE WHO BELIEVE IN THE
BEAUTY OF THEIR DREAMS. ”

ELEANOR ROOSEVELT

ARISE-Hyderabad (Head Office)

- +91-76809 29292, +91-7396757585
- arisemedicalacademy@gmail.com
- # 2nd Floor 9-4-84, 11/A&B, Langar House Rd, Kakatiya Nagar, Toli Chowki, Hyderabad, Telangana 500008

ARISE-Delhi

- +91-95600228-36 / 37 / 38
- arisemedicalacademy.delhi@gmail.com
- Lane no. 5, Westend Marg, Saidulajab, Saket, New Delhi.

ARISE- Jaipur

- +91 8977541723 / 8977641723
- +91 9929113115 / 9929113116
- arisemedicalacademyjpr@gmail.com
- Plot No-26, Krishna Vihar Sector-5, Near Pushp Enclave, Pratapnagar, Tonkroad, Sanganeer, Jaipur-302033

ARISE-Chennai

- +91-89779 41723, +91-89779 42723
- arisemedicalacademy.chennai@gmail.com
- No. A Super 20, Thiru Vi Ka Industrial Estate, SIDCO Industrial Estate, Guindy, Chennai, Tamil Nadu 600032

ARISE-Kerala (Kannur)

- +91-96337 99504, +91-8136932666
- arisemedicalacademy.kerara@yahoo.com
- 2nd Floor, Kingdom Tower, Manna Rd, opposite kareems hotel, Taliparamba, Kerala 670141