
ANATOMY

1. Nerve involved in the given condition?

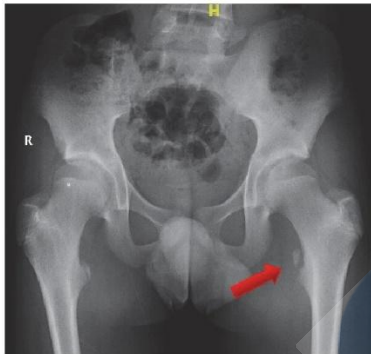


- a) Dorsal Scapular Nerve
- b) Long thoracic Nerve**
- c) Suprascapular Nerve
- d) Subscapular Nerve

2. Nerve involved in injury to medial epicondyle of Humerus ?

- a) Axillary nerve
- b) Ulnar nerve**
- c) Median nerve
- d) Radial nerve

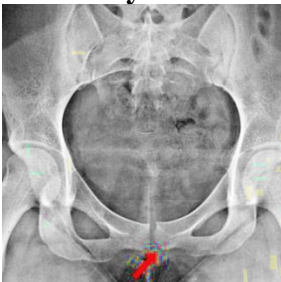
3. Muscle attached to the arrow-marked structure?



- a) Gluteus maximus
- b) Gluteus medius
- c) Gluteus minimus
- d) Iliopsoas**

Orthopedics class notes 2020

4. Identify the arrow marked joint in the given image ?



- a) Syndesmosis
- b) Primary Cartilaginous joint**

c) Secondary Cartilaginous Joint

d) Synchondrosis

5. Identify the arrow marked tarsal bone in the given image?



a) Cuboid

b) Talus

c) Navicular

d) Cuneiform

6. Nerve involved in the difficulty in eversion of foot and loss of sensation in the dorsal aspect of foot is?

a) Deep peroneal nerve

b) Superficial peroneal nerve

c) Sural nerve

d) Saphenous nerve

7. which of the following structure starts at right venous angle?

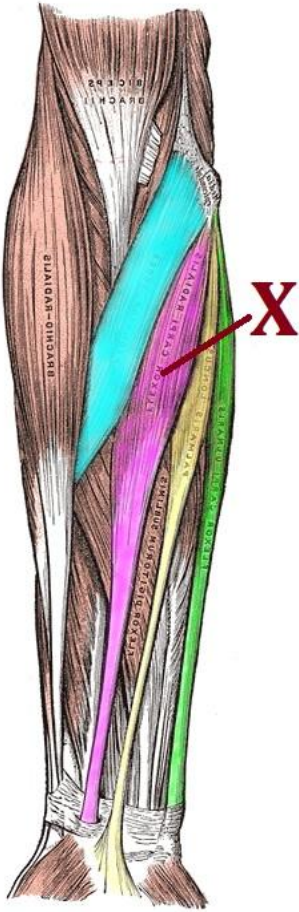
a) Junction of Left jugular vein and subclavian vein

b) Brachiocephalic vein

c) Superior vena cava

d) Subclavian vein

8. Tendon marked 'X' in the given image is?



- a) Flexor digitorum superficialis
- b) Flexor digitorum profundus
- c) Flexor carpi radialis**
- d) Flexor carpi ulnaris

Anatomy class notes 2020

9. Tingling sensation and paresthesia on the medial side of the hand. Which structure most likely be affected?

- a) Radial nerve
- b) Median nerve
- c) ulnar nerve**
- d) anterior interosseous nerve

BIOCHEMISTRY

10. Which of the following enzyme is deficient in Von Gierke's Disease?

- a) Glucose 6 phosphatase**
- b) Glucose 6 phosphate dehydrogenase
- c) Acid maltase
- d) Glycogen phosphorylase

11. Nitrogenous waste from the body is excreted in the form of?

- a) Urea
- b) Glutamine
- c) Uric acid
- d) Nitric oxide

12. Complex IV is inhibited by?

- a) Cyanide
- b) Rotenone
- c) Oligomycin
- d) Malonate

13. vitamin deficiency shown in the photograph?



- a) Niacin
- b) Biotin
- c) Riboflavin
- d) Ascorbic acid

14. A 40 year old man presented with black pigmentations of pinna and sclera of eyes. The color of urine changes to black on long standing . What is the diagnosis ?

- a) Phenylketonuria
- b) Alkaptonuria
- c) Maple syrup urine disease
- d) Hartnup's disease

15. Which of the following is not a micromineral?

- a) Selenium
- b) Iodine
- c) Calcium
- d) Copper

FM

16. Murugadoss brought a RTA case for autopsy. There you noted Stiff neck, stiff upper and lower limbs , Primary relaxation was absent .This is suggestive of ?

- a) Rigor Mortis
- b) Cadaveric spasm**
- c) Heat stiffness
- d) Cold stiffness

17. Which of the following produces catecholamine storm as seen with scorpion sting?

- a) Spider**
- b) Tick
- c) Sea urchin
- d) Ciguatera

18. The toxin extracted from the poisonous plant shown in the image is?



- a) Conine
- b) Hyoscine**
- c) Thebaine
- d) Tetrahydrocannabinol

19. Sethu was playing cricket with his childhood friends, one of his friends hit the ball hard and Sethu tried to catch the ball but the ball hit his head and he fainted. After some time he regained consciousness and fainted again. This phenomenon is mostly associated with?

- a) EDH**
- b) SDH
- c) SAH
- d) Intracerebral hemorrhage

20. Mr. Velu, 35-year-old male with a big stomach, got agitated, fainted and lost consciousness at airport. A bag full of enema & laxative was recovered from him. During treatment, X-Ray abdomen showed as picture as shown. All of the following are true in this scenario except?



- a) Abdominal scar is indicated
- b) The person is malingering**
- c) He is at risk of poisoning
- d) It's a case of body packer syndrome

21. Monday morning at 5 am you went to park for doing regular exercise ,Unfortunately you found a dead fetus in a water canal . The crown heel length was found to be 25 cm . Distinct fingernails visible with minimum hair growth. Approximate age of fetus is ?

- a) 3 months
- b) 5 months**
- c) 7 months
- d) 9 months

22. Gender assessment in a 12 year old child is best done by?

- a) Skull
- b) Femur
- c) Hip bone**
- d) Mandible

23. IPC section is related to doctor s medical negligence?

- a) 300
- b) 302
- c) 304-A**
- d) 304-B

24. 28 years old married female after 4 years of marriage died & one note was from her mentioning that she was tortured for dowry, In this case, Inquest will be done by?

- a) Police
- b) Village headman
- c) Magistrate**
- d) Judge

25. 27 year old female faked her pregnancy & presented a real child to blackmail a guy who is her neighbour, they were in illegal relationship , Which is correct about this case?

- a) Suppositious child**
- b) Spurious
- c) Superfecundation
- d) Superfetation

26. Patrol police found a person was dead in bushes with tied arms. Cyanosis of nails noted with scratches over face,neck and chin. All of the following are correct in this case except?

- a) Case of homicide
 - b) Asphyxia
 - c) Case of suicide**
 - d) Smothering
-

27. Ragvan an IPS police officer was suspect a crime ,and he found the Stains over clothes when examined showed yellow color needle shape crystals. Examined stain is of?

- a) Sputum
- b) Semen**
- c) Blood
- d) CSF

28. Madavan brought a gunshot case for an autopsy shows an entry wound with inverted margins & surrounded by tattooing ,burning, and singeing of hairs is not noted, what do you thing the range of firearm weapon in this case?

- a) Contact
- b) Near**
- c) Distant
- d) 3 meter

ENT

29. The cause of nasopharyngeal carcinoma is.?

- a) HSV
- b) EBV**
- c) HZV
- d) Parainfluenza virus

30 . A patient with RTA presented with Nasal discharge as shown in the image below. How do u call this sign?

- a) Schwartz sign
- b) Brown sign
- c) Halo sign**
- d) Schober sign

31. True about BERA.?

- a) Invasive test
- b) Used for SNHL**
- c) Used for conductive pathology
- d) Is a subjective test

32. Atrophic rhinitis treatment is?

- a) young's operation**
 - b) Nasal steroid spray
 - c) FESS
 - d) NSAIDS
-

33. Cause of decreased bone conduction on audiogram except?

- a) Fixation of foot plate of stapes
- b) EAC pathology
- c) Cochlear pathology**
- d) Ossicular pathology

34. Laryngeal crepitus is seen in all except ?

- a) Laryngitis
- b) It is present normally in every individual
- c) Post cricoid carcinoma**
- d) CA larynx

35. A presented with bilateral neck swelling , temporoparietal neuralgia and unilateral hearing loss. The diagnosis?

- a) Nasopharyngeal carcinoma**
- b) Juvenile Nasopharyngeal angiofibroma
- c) Hypopharyngeal carcinoma
- d) Laryngeal carcinoma

36. A child presented with a high arched palate and mouth breathing and failure to thrive. The probable diagnosis is?

- A) Tonsil hypertrophy
- B) Adenoid hypertrophy**
- C) Lingual tonsil hypertrophy
- D) Masseter hypertrophy

37. A infant presented with inspiratory stridor, the clinical picture is shown below . The diagnosis is ?



- a) Acute epiglottitis
- b) RLN palsy
- c) SLN palsy
- d) Laryngomalacia**

38. A patient presented with the pulsation of tonsil. The cause is .?

- a) Aneurysm of the common carotid .
- b) Aneurysm of the external carotid

- c) Carotid body tumor
- d) Internal carotid artery aneurysm/aberrant /medialized.**

39. What is the causative agent of CROUP ?

- a) H. influenzae
- b) Parainfluenza**
- c) Streptococcus pneumonia
- d) Rhinovirus

40. Find out the image shown below?



- a) Hollman Miller sign**
- b) Water's view
- c) C.cadwell sign
- d) basal view

41. Identify the image below.?



- a) cottles manoeuvre**
- b) maxillary sinus
- c) Valsalva maneuver
- d) Semont-Liberatory maneuvers

42. condition shown in image.?



- a) Rhinosporidiosis
- b) Rhinophyma**

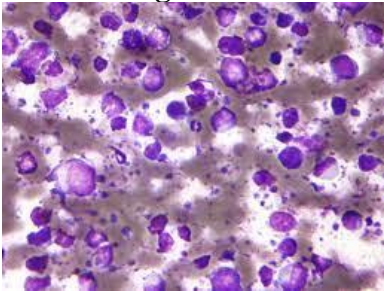
- c) Rhinolith
 - d) Rhinoscleroma
-

MICRO + PATHO

43. Owl eye inclusions are seen in?

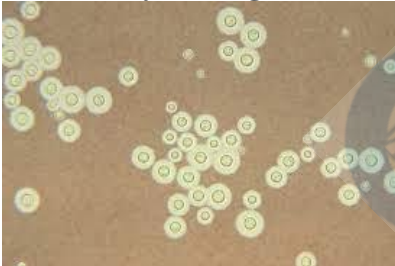
- a) HSV
 - b) HHV
 - c) EBV
 - d) CMV
-

44. The image below shows origin from which of the following cells ?



- a) B Cell
 - b) CD4 T Cell
 - c) NK cell
 - d) CD8 T cell
-

45. Identify the organism stained by India ink dye and shown below?



- a) Cryptococcus neoformans
 - b) Chlamydia
 - c) Histoplasma
 - d) Aspergillus
-

46. 56 year old diabetic patient has chronic renal failure and is undergoing hemodialysis. Which of the following amyloid is most likely to get deposited ?

- a) AA
 - b) Abeta
 - c) Abeta 2
 - d) ACal
-

47. Identify the eggs as shown in image below ?



- a) Trichuris trichiura
- b) Enterobius vermicularis**
- c) Ankylostoma
- d) Ascaris

48. 50 year old man presented with gum bleeding . Peripheral smear shows marked leukocytosis with 70 % cells showing MPO positivity. Diagnosis?

- a) AML**
- b) CML
- c) CML
- d) CLL

49. 83 year old man shows presence of a perinuclear pigment in the cardiac muscle fibres . What is the nature of the pigment ?

- a) Hemosiderin
- b) Lipofuscin**
- c) Melanin
- d) Iron

50. Which of the following disease shows you deposition of PrP?

- a) CJD**
- b) Rabies
- c) Parkinson's disease
- d) Alzheimer's disease

51. Nasopharyngeal carcinoma is associated with which of the following viruses ?

- a) HPV
- b) HHV
- c) EBV**
- d) HSV

52. Patient with history of travel to OHIO shows the following culture smears characteristics with lactophenol cotton blue staining?

- a) Coccidioidomycosis
 - b) Histoplasmosis**
 - c) Blastomycosis
 - d) Cryptococcosis
-

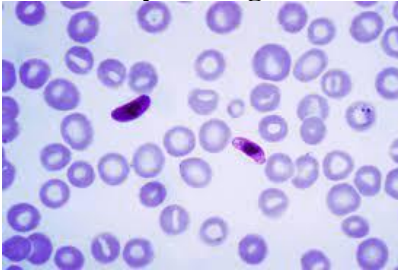
53. Which of the following is a high level disinfectant?

- a) Glutaraldehyde
- b) Alcohol
- c) Lysol
- d) Phenol

54. 55 year old patient presented with difficulty in breathing and rashes after ingestion of a sea food . He has shown similar reaction in the past following consumption of same food item. Which of the following hypersensitivity reaction do you relate this with?

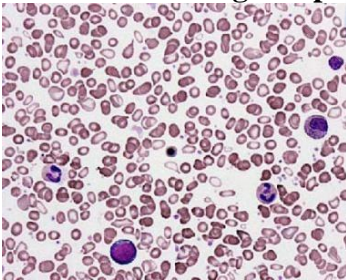
- a) Type 1
- b) Type 2
- c) Type 3
- d) TYPE 4

55. Identify the organism based on the peripheral smear finding given below?



- a) Babesia
- b) Plasmodium vivax
- c) Plasmodium falciparum
- d) Plasmodium ovale

56. Based on the given peripheral smear finding . Which of the following is most likely diagnosis?



- a) IDA
- b) Thalassemia major
- c) Myelofibrosis
- d) Myelodysplastic syndrome

57. 25 year old male patient presented with diarrhea with blood, on investigation of stool sample, the organism was gram negative, non lactose fermentor, non motile, oxidase negative, H₂S negative . Diagnosis?

- a) E.coli
- b) Shigella

- c) Salmonella
- d) Stap.aureus

58. 10 year old child with jaundice and diarrhea reported to hospital and within same period of time ,many children from the same school presented with same symptoms. Which of the following is most probable finding ?

- a) IgM Antibody hepatitis A**
- b) IgG Antibody hepatitis A
- c) IgM Antibody hepatitis B
- d) IgG Antibody hepatitis B

59. Nurse got a needle prick injury from HIV positive patient. What should be done at earliest ?

- a) ELISA
- b) Blood culture
- c) Western blot
- d) p24 assay**

60. Fungal hyphae with acute angle branching and septate hyphae . Identification?

- a) Aspergillus**
- b) Mucor
- c) Histoplasma
- d) Sporothrix

61. Vector for zika virus ?

- a) Aedes aegypti**
- b) Culex
- c) Anopheles
- d) louse

62. Most Radiosensitive tumor?

- a) Seminoma
- b) Ewing 's sarcoma**
- c) Gaint cell tumor
- d) Chondrosarcoma

OBG

63. A women with secondary amenorrhea with history of curettage for abortion. FSH 7miu/ml. what is your likely diagnosis?

- a) Pituitary failure
- b) Ovarian failure
- c) Uterine synechiae**
- d) pregnancy

64. A women after hysterectomy shown with distended abdomen. What is the electrolyte imbalance seen in her ?

- a) Hyperkalemia
- b) Hypokalemia**
- c) Hybernatemia
- d) Hyponatremia

65. 23 year old lady presents with complain of post coital bleeding. On per speculum examination the following is seen, it bleeds on touch .?

- a) Cervical fibroid
- b) Cervical polyp**
- c) Cervical carcinoma
- d) Hemorrhagic cyst

66. Patient presents at 11 weeks POG with mild spotting per vaginum. On USG only gestational sac is seen without fetal node. Uterus size is normal. Diagnosis?

- a) Missed abortion**
- b) Threatened abortion
- c) Inevitable abortion
- d) Incomplete abortion

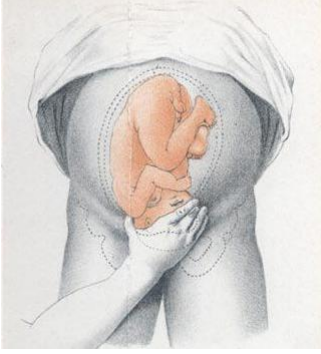
67. 40 cc fetal material was detected on USG , planned for evacuation but the catheter goes deep into the uterus without resistance. What should be your next step?

- a) Continue the procedure
- b) Wait and watch
- c) Give Mifepristone and misoprostol
- d) Immediate laparoscopy to be done**

68. True conjugate is ?

- a) Lower border of pubic symphysis to sacral promontory
 - b) Upper border of pubic symphysis to sacral promontory**
 - c) Posterior border of pubic symphysis to sacral promontory
 - d) Anterior border of pubic symphysis to sacral promontory
-

69. Identify the given maneuver ?



- a) Leopold 1
- b) Leopold 2
- c) Leopold 3**
- d) Leopold 4

70. 30 year female came for regular check-up found with 6cm x 6cm ovarian cyst. What is your next step in the management?

- a) CA-125 followup
- b) Laparotomy and ovariectomy**
- c) Laproscopic Ovariectomy
- d) Combined OCP and follow up

71. A patient underwent OGTT at 27 weeks of Gestation. Her fasting blood glucose was 130 mg/dl and at 2 hour , blood glucose was 200mg/dl. AFI=14 . What is your next step in the management ?

- a) Start insulin and check at 34 weeks
- b) Admit her and start insulin**
- c) Repeat OGTT
- d) Start insulin and monthly checkup

72. Most dependent part in a sitting female ?

- a) Pouch of douglous**
- b) Paracolic gutter
- c) Hepatorenal pouch
- d) Messenteric sinus

73. In a retroverted uterus , a mass is present in lower uterine cavity . Palpated through posterior fornix . Patient is nulliparous & infertile. Tenderness is present in posterior fornix . Diagnosis?

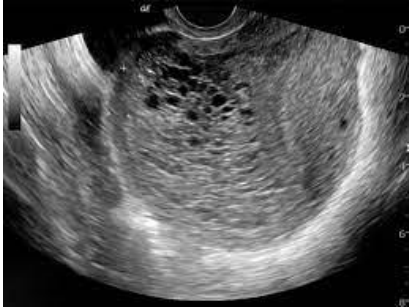
- a) Adenomyosis
- b) Endometriosis**
- c) Fibroid uterus
- d) Ca uterus

74. A patient is in labor, on per vaginal examination cervix is 5 cm dilated and fully effaced. She is in which stage of labor ?

- a) Latent phase of first stage
- b) Active phase of first stage**

- c) Transition to second stage
- d) Second stage

75. identify the findings shown in the image.?



- a) Hydatiform mole
- b) PCOD
- c) Molar pregnancy
- d) None of the above

76. Identify the findings shown in the image.?

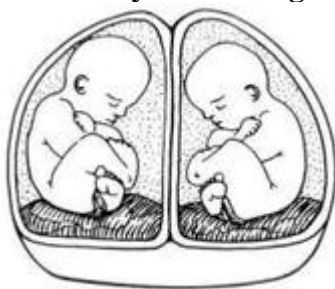


- a) Hydatiform mole
- b) PCOD
- c) Molar pregnancy
- d) None of the above

77. 22 year old female asking for an emergency contraception within 8 hours of sexual assault and she is on 13 th day of the cycle. What is the suitable emergency contraception for her ?

- a) Levonorgestrel tablet single dose 1.5gm
- b) DMPA
- c) Misoprostol
- d) OCP from day 1 st of next cycle

78. identify the findings shown in the image.?



- a) Monochorionic /Monoamniotic

- b) Monochorionic /Diamniotic
 - c) Dichorionic / Diamniotic**
 - d) Dichorionic /Monoamniotic
-

PHARMACOLOGY

79.55 year old Patient underwent renal surgery, during recovery you have noticed that the patient was shouting and having hallucinations Which anaesthetic drug was used?

- a) Ketamine**
 - b) Halothane
 - c) Etomidate
 - d) D Midazolam
-

80. 36 years old female patient having unilateral headache, associated with nausea and vomiting Which drug can be used to decrease this headache episodes?

- a) Propranolol**
 - b) B Alprazolam
 - c) Fluoxetine
 - d) Haloperidol
-

81. which of the following is the Selective estrogen receptor modulator ?

- a) Tamoxifen**
 - b) Rituximab
 - c) Letrozole
 - d) albandazole
-

82. 23 year old college going girl had a intercourse with her boyfriend on her day 13 th of menstrual cycle ,she came to your hospital and seeks opinion ,What is suitable emergency contraception ?

- a) OC Pills from next cycle
 - b) DMPA
 - c) Levonorgestrel tablet 1.5 gm**
 - d) Misoprostol
-

83. Post marketing surveillance starts after which phase of drug trail ?

- a) Phase 1
 - b) Phase 2
 - c) Phase 3
 - d) Phase 4**
-

84. which monoclonal antibody is used in cancer treatment?

- a) Omalizumab
- b) Denosumab
- c) Rituximab**

d) Methotrexate

85. 61 years old Patient visited your hospital before with BPH ,you prescribe prazosin, after few days he came again with low BP. So what is your plan of action now?

- a) Terazosin
- b) Doxazosin .
- c) Tamsulosin**
- d) Alfuzosin

86. A 14 year old child presented with proteinuria 4+, no hematuria Drug preferred in this case would be?

- a) Prednisolone**
- b) Cyclosporin
- c) Cyclophosphamide
- d) Azathioprine

87. Patient presented with 6 episodes of depression mania & hypomania in last 1 year with recovery phase in between. What is the probable diagnosis?

- a) Cyclothymia
- b) Rapid cycling bipolar disorder**
- c) Borderline personality disorder
- d) Emotional instability

88.Mr.X brought his 13 years old child to your clinic saying that his child is having difficulty in studies, cannot concentrate on things.and in investigation you got the IQ level of 55 ,which category he belongs to ?

- a) Borderline MR
- b) Dull intelligence
- c) Mild MR**
- d) Moderate MR

89. 35 year old unmarried patient has a long term history of waking up in night and thinking that his family going to meet with an accident Probable diagnosis is?

- a) Adjustment disorder
- b) Generalized anxiety disorder**
- c) OCD
- d) Panic disorder

90.what is your best treatment of choice for this condition.?



- a) Valacyclovir**
- b) Ganciclovir

- c) Tenofovir
 - d) Mupirocin
-

PSM

91. ASHA covers a population of.?

- a) 1000**
 - b) 2000
 - c) 5000
 - d) 3000
-

92. You are posted in PHC assisting work of newly joined ANM who is carrying vaccines, vials, tiffin box in her hand. From which of the following you will judge her knowledge of biomedical waste management ?

- a) Food item is put in White transparent box
 - b) Dispose where you want
 - c) Syringe with needle put in white bag**
 - d) Vaccine wrapper /stripper of vial is put in blue bag
-

93. Statistical test of significance will be used to measure blood pressure in a group of patients before and after treatment.?

- a) Paired test**
 - b) Unpaired test
 - c) Chi-square test
 - d) Fisher test
-

94. Which of the following is absolute contraindication of given contraceptive image?

- a) PID**
 - b) Anemia
 - c) History of PID since last pregnancy
 - d) Hypertension
-

95. Positive predictive value is a function of sensitivity, specificity and?

- a) Prevalence**
 - b) Incidence
 - c) Accuracy
 - d) Negative predictive value
-

96. Identify the image.?



- a. Suraksha clinic**
- b. Red cross
- c. Doctors logo
- d. All of the above

97. Which contraceptive is avoided when a female comes after 6 weeks of pregnancy for postnatal checkup. she wants to continue breast feeding. which contraceptive is contraindicated ?

- a) Minipill
- b) Combined OCP**
- c) IUCD
- d) DMPA

98. Children of separated parents are most addicted to drugs as compared to children with normal parents. a study reported that chances of addiction among separated parents is higher as compared to non separated parents. this study is called ?

- a) Case control study**
- b) cohort study
- c) RTC
- d) Retrospective study

99. which of the following is RABIES free country.?

- a) Sikkim
- b) Punjab
- c) Kashmir
- d) Andaman & Nicobar island**

100. In a subcenter population, crude birth rate (CBR) is 25. What is the minimum expected number of pregnancy.?

- a) 45
- b) 125
- c) 138**
- d) 110

101. sample registration system includes all EXCEPT.?

- a) Death rate
- b) Birth rate
- c) MMR
- d) IMR**

102. Who is responsible for conducting active malaria surveillance?

- a) Multipurpose worker female
- b) ANM
- c) ASHA
- d) Male Multipurpose worker**

103. Which organization is responsible for conducting maximum surveys in india ?

- a) AIIMS
- b) NSSO**

- c) JIPMER
 - d) both a and b
-

MEDICINE

104. 27 year old patient presented with complaints of arthralgia, rough feeling of strain in eyes and difficulty to swallow food . Laboratory results shows ANA positive, Anti-Ro positive and Rheumatoid factor positive . What is your likely diagnosis?

- a) SLE
 - b) Sjogren's syndrome**
 - c) Rheumatoid arthritis
 - d) Juvenile Arthritis
-

105. Patient with previous history of MI 3 years back, now presented with tachypnea , tachycardia and S3 heard on examination. What is your diagnosis?

- a) Myocardial infarction
 - b) Pericarditis
 - c) Congestive heart failure**
 - d) pulmonary embolism
-

106. 70 year old diabetic woman is on medication . Which of the following is a macrovascular complication in diabetic patients ?

- a) Myocardial infarction**
 - b) Diabetic neuropathy
 - c) Diabetic nephropathy
 - d) Diabetic retinopathy
-

107. Based on the given image. What's your diagnosis?



- a) Hypercholesterolemia**
 - b) Hypertriglyceridemia
 - c) Hyperalphaproteinemia
 - d) Hyperbetaproteinemia
-

108. Which of the following participate in the cardiac myocyte action potential?

- a) Ion channels
 - b) Pumps, transporter
 - c) Exchangers
 - d) All of the above**
-

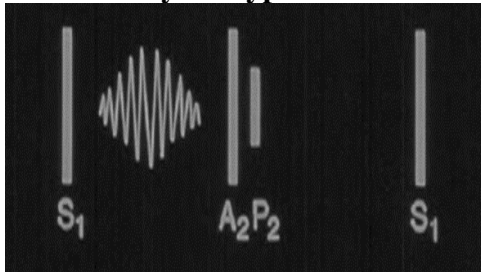
109. 12 year old child presented with proteinuria 4+ without hematuria, which drug would you prefer ?

- a) **Prednisolone**
- b) Cyclophosphamide
- c) Cyclosporine
- d) Dexamethasone

110. A patient presented with complaints discomfort on performing activities while he is normal at rest. Normal activities of the patient are slightly affected . Patient belongs to which NYHA Class?

- a) NYHA Class 1
- b) **NYHA Class 2**
- c) NYHA Class 3
- d) NYHA Class 4

111. Identify the type of Murmur?



- a) **Ejection systolic murmur**
- b) Pan systolic murmur
- c) Early diastolic murmur
- d) Mid diastolic murmur

112. Identify the findings below. ?



- a) **Clubbing**
- b) Pallor
- c) Cyanosis
- d) Koilonychia

113. A young male , CSF findings are elevated protein, leucocytes, marked lymphocytosis and CSF glucose is 18 mg/dl. Diagnosis?

- a) **Tubercular meningitis**
 - b) Viral meningitis
 - c) Pyogenic meningitis
 - d) Fungal meningitis
-

114. Based on given ECG findings. Identify ?



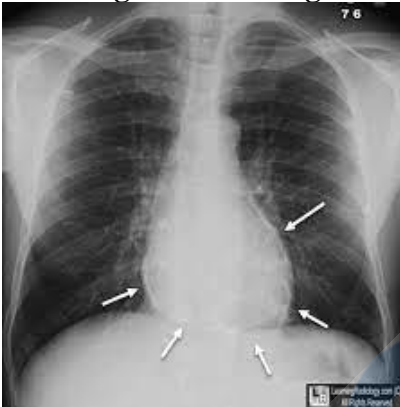
- a) Atrial fibrillation
- b) Atrial flutter
- c) Ventricular fibrillation
- d) Ventricular tachycardia**

115. Immediate management of give condition ?

- a) Wrapping the chest tightly
- b) Left sided thoracostomy**
- c) Right sided thoracostomy
- d) Needle insertion and drainage on right side

QRS (3rd edition-2020), MOST APPREHENDED CASES : 478

116. Diagnosis for the given image?



- a) Constrictive pericarditis**
- b) Cardiac tamponade
- c) Pleural effusion
- d) Dilated cardiomyopathy

117. 46 year old female come to your OPD, On examination you find Purple striae, distant abdomen ,hirsutism ,red rounder face ,what will be your diagnosis?

- a) Addisons disease
- b) Cushing syndrome**
- c) Diabetic nephropathy
- d) None of the above

118. identify the condition shown below ?



- a) **Prayer sign**
- b) Phalen test
- c) Tinel test
- d) none of the above

119. Protein associated with Alzheimer's disease ?

- a) Tau protein in intra cellular accumulation
- b) amyloid beta 2 in extra cellular accumulation
- c) Tau protein in extra cellular accumulation
- d) **both a and b**

OPHTHAL

120. Corneal transparency is maintained by ?

- a) Chondroitin sulphate
- b) **Keratan sulphate**
- c) Hyaluronic acid
- d) Dermatan sulphate

121. Instrument shown in the image is used for which of the following clinical condition?



- a) Instrument for ectropion
- b) **Instrument for chalazion**
- c) Instrument for bitot spot
- d) Instrument for entropion

122. Beta blocker should be avoided in all given conditions except?

- a) **Glaucoma**
 - b) Hypothyroidism
 - c) COPD
 - d) Diabetes
-

123. A patient comes to OPD with decreased vision in his left eye and opacification of cornea. On history taking, he told that he had undergone cataract surgery 6 years back. What is the next line of management in this case ?

- a) Keratoplasty**
- b) Keratotomy
- c) LASIK
- d) DCR

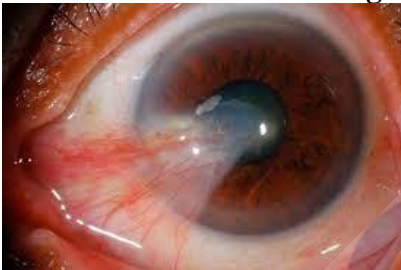
124. A patient presented with anterior uveitis in OPD. Which of the following can be associated with his condition .?

- a) HLA B5
- b) HLAB27**
- c) HLADR3
- d) HLAB53

125. A patient with miosis, anhidrosis and mild drooping of eyelid is presented to the clinic. What is the likely diagnosis ?

- a) 3rd cranial nerve palsy
- b) Horner syndrome**
- c) 6th cranial nerve palsy
- d) Orbital cellulitis

126. What is not correct regarding the clinical condition as shown in Image ?



- a) Occurs more commonly in warm areas
- b) This structure is attached to cornea
- c) It causes myopia**
- d) Iron deposition is found

127. A 15 year old boy presents to clinic with difficulty in coordination of movements and abdominal pain. On further examination copper deposition in a ring form is seen in cornea . Most likely diagnosis?

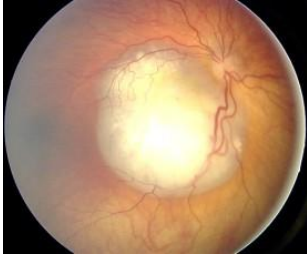
- a) Keratitis
- b) Munson sign
- c) Wilson's disease**
- d) Neuroblastoma

128. Patient wearing lens since 2 years started having redness and decreased vision. What could be the cause ?

- a) Bacterial corneal ulcer**
- b) Giant cell papillary

- c) Fungal keratitis
- d) HSV keratitis

129. Identify the image ?



- a) **Retinoblastoma**
- b) Medulloblastoma
- c) Ewing's sarcoma
- d) Neuroblastoma

130. A tumor in the anterior pituitary causing pressure over optic chiasma will present as ?

- a) Homonymous hemianopia
- b) **Bitemporal hemianopia**
- c) Heteronymous hemianopia with central sparing
- d) Mono ocular vision loss

131. 5 year old girl suffering with chronic epiphora has come to your clinic ,what is the next step of management ?

- a) Laryngeal probing and massaging
- b) **Dacryocystorhinostomy**
- c) Tarsal plate fracture
- d) Lacrimal sac massage

PSM

132. NITI Aayog has replaced ?

- a) National Board of Examinations (NBE)
- b) National Institute of Health & Family Welfare (NIHFW)
- c) Medical Council of India (MCI)
- d) **National Planning Commission (NPC)**

133. Calculate Neonatal mortality rate from the data given. Total live births were 4000. Total deaths among day 0-7 babies: 40, day 7-28: 40, more than one month age: 40 and in-utero (perinatal): 40.?

- a) 10
- b) **20**
- c) 30
- d) 40

134. Mortality is taken into consideration in ?

- a) Gross reproductive rate (GRR.)
- b) Total fertility rate (TFR)

- c) Completed family size
 - d) Net reproductive rate (NRR)**
-

135. STD Kit Colour for Female with Vaginal discharge ?

- a) Kit 1 GREY
 - b) Kit 2 GREEN**
 - c) Kit 3 WHITE
 - d) Kit 4 BLUE
-

136. Minimum thickness of Lead apron required is ?

- a) 0.1 mm
 - b) 0.2 mm
 - c) 0.3 mm
 - d) 0.5 mm**
-

137. Urban Health is ?

- a) Urban Health Equity Assessment and Response Tool**
 - b) Urban Health Evaluation Assessment and Response Tool
 - c) Urban Health Equity Assessment and Response Technique
 - d) Urban Health Evaluation Assessment and Response Technique
-

138. Which agency collects data and publishes large scale surveys continuously regarding morbidity, family planning, vital events?

- a) AIIMS
 - b) Central Bureau of Health
 - c) National sample survey**
 - d) Sample Registration System
-

139. Under ESI, after certification by Medical Officer, Beneficiaries get 70% wages for 3 months under?

- a) Medical benefit
 - b) Sickness benefit**
 - c) Disablement benefit
 - d) Dependent's benefit
-

140. A Doctor is teaching an Intern about Knee reflex demonstration. What type of learning is this?

- a) Cognitive learning
 - b) Affective learning
 - c) Psychomotor learning**
 - d) None of the above
-

141. Under ICDS, Intersectoral coordination is found with?

- a) NREGA
- b) NRHM**

- c) NLEP
- d) NACP

SURGERY

142. A patient presents with following swelling on standing which tends to reduce when he lies down. What could be the probable diagnosis ?

- a) Para umbilical hernia**
- b) Umbilical hernia
- c) Epigastric hernia
- d) Omphalocele

143. A 5 year old child presents with the swelling shown below which keeps on increasing in size. What should be the appropriate management for this condition?

- a) Intralesional steroids
- b) Excision**
- c) Reassurance
- d) Conservative

144. Identify the image shown below ?



- a) Fibroadenoma
- b) Phyllodes tumor**
- c) Ductal carcinoma
- d) Ductal papilloma

145. A 20 year old female presents with mobile lump in her left breast. Lymph nodes were not involved. What is most likely diagnosis?

- a) DCIS
 - b) Fibroadenoma**
 - c) Duct papilloma
 - d) Paget's disease
-

146. a surgical incision was made over the patient's chest and after sometime he comes with the shown scar. What is the diagnosis ?



- a) **Keloid**
- b) Hypertrophic scar
- c) Contracture
- d) Abscess

147. A patient after RTA presented to emergency and following is done to maintain the airway. Identify the procedure shown in the below image?



- a) Intubation
- b) **Tracheostomy**
- c) Thoracotomy
- d) Radical neck dissection

148. A bedridden patient developed fever, pain and pedal edema . Likely diagnosis ?

- a) Cellulitis
- b) **DVT**
- c) DIC
- d) Pressure ulcer

149. A patient presented with long standing pain in the anal region. On examination the finding shown is given below . What is the most important thing to look for on per rectal examination of this patient ?

- a) Internal os of the fistula
- b) Internal hemorrhoids
- c) Anal fissure
- d) **Fistula in ano**

150. Identify the instrument shown in the image ?



- a) Allis forceps
- b) Sponge holder
- c) Babcock forceps**
- d) Retractor

151. A woman presented with the following lesion through which discharge was coming out. What is the most probable diagnosis?

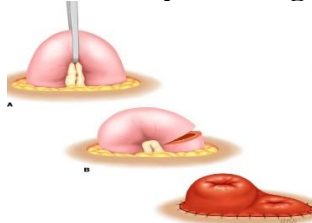
- a) Hydradenitis suppurativa
- b) Tuberculous lymphadenitis**
- c) Branchial cyst
- d) Bezold abscess

152. A man presented with vomiting, nausea and fever. He was admitted for appendectomy after diagnosing appendicitis. During surgery, surgeons found an incidental finding as shown below which was present at a distance of 2 feet from ileocaecal junction. What is this most likely to be ?



- a) Intussusception
- b) Intestinal obstruction
- c) Meckel's diverticulum**
- d) Diverticulitis

153. Identify the image ?



- a) Colostomy
- b) Loop ileostomy**
- c) Ascending colostomy
- d) Appendectomy

154. Dohlman's procedure is used for ?

- a) Cricoid webs
- b) Pharyngeal pouches**
- c) Achlasia cardia
- d) Diffuse esophageal spasm

155. A female after cold exposure developed following condition of finger tips as seen in the image. What could be the condition ?



- a) Medium vessel vasculitis
- b) Buerger's disease**
- c) Takayasu arteritis
- d) Small vessel vasculitis

156. A patient presents with the following condition as shown below. What could this be ?



- a) Arterial ulcer
- b) Venous ulcer**
- c) Pressure ulcer
- d) Neuropathic ulcer

157. IDENTIFY the anomaly shown in the image ?



- a) Pyloric stenosis
- b) Pancreatic divisum
- c) Annular pancreas**
- d) Duodenal atresia

PAEDIATRIC

158. A 5 year old child of 17 kg weight with diarrhoea and unable to take the feed. What is the amount of maintenance fluid required in 24 hours ?

- a) 1000 ml

- b) 1700 ml
- c) 1350 ml**
- d) 2000 ml

159. A mother with the newborn is worried for her child as the newborn hasn't passed the meconium till 6 hours of birth. How much time should she wait for the meconium to pass out ?

- a) 48 hours**
- b) 24 hours
- c) 12 hours
- d) 72 hours

160. A boy presents with hemarthrosis of left knee after a history of fall. Deficiency of which factor can lead to the following condition ?

- a) Von willibrand disease
- b) Vitamin k deficiency
- c) Thrombocytopenia
- d) Factor VIII deficiency**

161. Which fluid should not be given in severe head injury ?

- a) 5% dextrose**
- b) Normal saline
- c) Hypertonic saline
- d) Ringer lactate

162. A boy presented with blue sclera who has a history of frequent fractures . What could be the diagnosis ?

- a) Scurvy
- b) Rickets
- c) Osteogenesis imperfecta**
- d) Osteomalacia

DERMA

163. Which sign is shown in the given picture ?



- a) Auspitz sign
- b) Dermographism
- c) Koebner's phenomenon**
- d) Nikolsky's sign

164. A patient who was on anticonvulsant medication , presented with rashes as shown in the given image . What could be the diagnosis ?



- a) Urticaria
- b) Fixed drug reaction**
- c) Angioedema
- d) Cellulitis

165. A patient presented with hypopigmented rash with satellite lesions as shown in the image .
Diagnosis ?



- a) BT**
- b) BL
- c) LL
- d) TT

166. Identify the image ?



- a) Leshmania cutanea
- b) Lepromatous leprosy**
- c) Post kala azar dermatitis
- d) Tuberculoid leprosy

167. A truck driver with history of lesions on penis undergoing treatment presented with rashes. What is the diagnosis ?

- A) Secondary syphilis**
- B) Drug eruption
- C) TEN
- D) Steven johnson syndrome

168. Identify the image shown below ?



- a) **Carbuncle**
- b) Follicular abscess
- c) Cellulitis
- d) Erysipelas

169. A farmer presented to OPD with a swelling over his palm as shown in the photo. Few months back he got injured with a thorn . What is the presentation given below ?

- a) Sequestration dermoid
- b) **Implantation dermoid**
- c) Embryogenic dermoid
- d) Ameloblastoma

170. Which nail finding is characteristic for psoriasis vulgaris as shown in the image?



- a) **Subungual keratosis**
- b) Auspitz sign
- c) Oil drop sign
- d) Onycholysis

171. Identify the image shown below ?



- a) Verrucous vulgaris
 - b) **Elephantiasis**
 - c) Leprosy
 - d) Leishmaniasis
-

172. Identify the condition shown below ?



- a) Osteosarcoma
- b) Chondrosarcoma**
- c) Chondroblastoma
- d) Ewing's sarcoma

173. Identify the given image ?



- a) Taylor brace splint**
- b) Milwaukee brace
- c) Scoliosis brace
- d) Boston brace

174. Kohler's disease is associated with osteochondritis in ?

- a) Lunate
- b) Navicular**
- c) Calcaneum
- d) capitulum

175. Identify the given radiograph ?



- a) Monteggia fracture with dislocation

b) Galeazzi fracture

- c) Radius fracture
 - d) Ulnar fracture
-

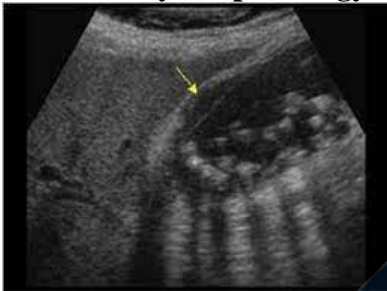
RADIOLOGY

176. Which arterial territory is involved on this CT scan image of a patient with infarct ?



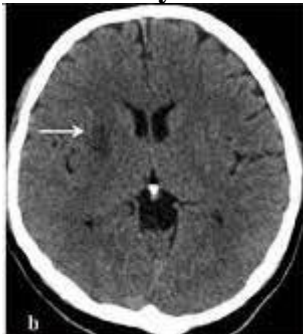
- a) Anterior cerebral artery
 - b) Complete middle cerebral artery**
 - c) Posterior cerebral artery
 - d) Posterior communicating artery
-

177. Identify the pathology in the given ultrasound Image ?



- a) Multiple Gallstones**
 - b) Choledocholithiasis
 - c) Hydatid cyst
 - d) Gall bladder carcinoma
-

178. Identify the marked structure in the given image ?



- a) Lentiform nucleus**
 - b) Caudate nucleus
 - c) Thalamus
 - d) Internal capsule
-

179. Patient comes to emergency room ,vomiting and colicky abdominal pain. On investigation, following image is obtained. Likely diagnosis is ?



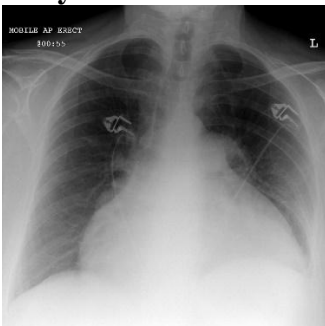
- a) Pancake kidney
- b) Ectopic kidney
- c) **Horse shoe kidney**
- d) Cross fused kidney

180. What can be the diagnosis for the given image ?



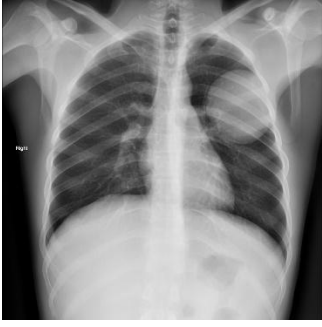
- a) Iliac crest fracture
- b) **Foreign body**
- c) Ureterocele
- d) Bladder stone

181. A patient presenting with breathlessness, pedal edema, gives a history of myocardial infarction few years back. A chest radiograph is taken and shown below, likely diagnosis is ?



- a) Constrictive pericarditis
- b) **Pericardial effusion**
- c) Dilated cardiomyopathy
- d) Cardiac tamponade

182. A cattle handler from a village with cough, hemoptysis and chest pain underwent a chest radiograph and is shown below. What is the probable diagnosis ?



- a) Hydatid cyst
- b) Anthrax
- c) Byssinosis
- d) Abscess/ aspergillosis

183. A patient with history of TB, prolonged back pain . What's your likely diagnosis ?

- a) Psoas abscess
- b) Ureterocele
- c) Perthes disease
- d) Inguinal hernia

184. Identify the given HSG image ?



- a) Bilateral hydrosalpinx
- b) Paraovarian cyst
- c) Ovarian carcinoma
- d) Fibroid

185. A 6 day old neonate with respiratory distress ,showed the following findings on chest X-Ray ?

- a) Congenital diaphragmatic hernia
- b) Congenital cystic adenomatoid malformation
- c) Bronchogenic cysts
- d) Hyaline membrane disease

186. Identify the condition based on the given radiograph ?

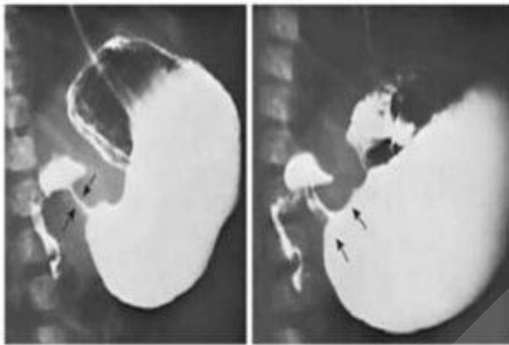
- a) Rickets
 - b) Scurvy
 - c) Achondroplasia
 - d) Osteogenesis imperfecta
-

187. Female visits OPD with her 6 week old child presenting with vomiting, abdominal pain. X-ray of the infant shows ?



- a) Pyloric stenosis
- b) Duodenal atresia**
- c) Intestinal obstruction
- d) Jejunal obstruction

188. A 2 weeks child brought to emergency room by her mother with symptoms of non bilious vomiting and lump in the epigastric area . What is the most appropriate diagnosis ?



- a) Congenital hypertrophic pyloric stenosis**
- b) Esophageal atresia
- c) Jejunal atresia
- d) Duodenal atresia

189. A patient presents with 4 months history of fall, come with swelling and pain around the knee. The following X-Ray is obtained from the patient, most likely diagnosis is ?



- a) Fracture patella**
- b) Free pieces of bone around knee
- c) Tibia fracture
- d) Myositis ossificans

190. Carotid artery stenosis screening invivo choice?

- a) USG
 - b) Doppler**
 - c) MRI
 - d) CT
-

PATHOLOGY

191. What is the location of lactate dehydrogenase inside the cell?

- a) Nucleus
 - b) Cytoplasm**
 - c) Mitochondria
 - d) Ribosomes
-

192. A 50 year old man presented with gum bleeding and fatigue. His peripheral smear showing marked leukocytosis with 70% cells showing MPO positivity. Diagnosis?

- a) AML**
 - b) CML
 - c) CLL
 - d) ALL
-

193. Which of the following disease shows the presence of deposition of Tau protein?

- a) CJD
 - b) Rabies
 - c) Parkinson's disease
 - d) Alzheimer's disease**
-

194. A 55 year old patient presented with difficulty in breathing and rashes after ingestion sea food. He has shown similar reaction in the past following consumption of the same food items. Which of the following hypersensitivity reaction do you relate with this ?

- a) Type 1**
 - b) Type 2
 - c) Type 3
 - d) Type 4
-

195. A 3-year-old child is having progressive anemia. On examination spleno-hepatomegaly is noted with malar eminence prominence. Peripheral smear is shown here. The clinical diagnosis is?

- a) Thalassemia**
 - b) Lead poisoning
 - c) Sideroblastic anemia
 - d) Iron deficiency anemia
-

196. A 30-year-old woman is having progressive dysphagia. On examination she has thickening of oral mucosa and leather like skin. She is also hypertensive and has limited exercise capacity due to lung fibrosis. Which of the following is the possible diagnosis ?

- a) Peutz-Jeghers syndrome
- b) Post cricoid dysphagia

- c) Achalasia cardia
- d) Scleroderma**

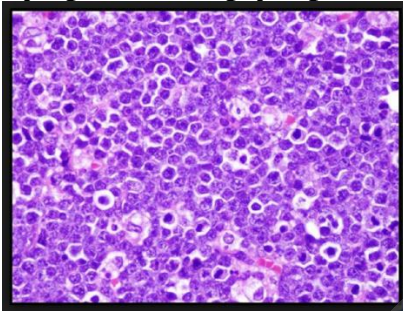
197. An elderly diabetic male patient underwent kidney transplantation from his twin brother. The type of grafting is: ?

- a) Allograft
- b) Isograft**
- c) Xenograft
- d) Autograft

198. A 60-year-old male presents with low backache. X Ray of the lumbosacral spine shows osteoblastic changes. What is the clinical diagnosis?

- a) Multiple myeloma
- b) Pott spine
- c) Carcinoma prostate**
- d) Renal cell carcinoma

199. A child presents with difficulty in eating due to jaw swelling and enlarged cervical lymph nodes. Lymph node biopsy report is shown below. What is the clinical diagnosis?



- a) Hodgkin disease
- b) Infectious mononucleosis
- c) Kikuchi disease
- d) Burkitt lymphoma**

MEDICINE

200. Whats your diagnosis in this patient with rapid x and y descent in JVP ?

- a) Cardiac tamponade
- b) Constrictive pericarditis**
- c) Dilated cardiomyopathy
- d) Hypertrophic cardiomyopathy

201. 56yrs old man presents with complaints of breathlessness and occasional episodes of chest pain. General physical examination shows a high-volume pulse and BP of 150/70 mm Hg. On cardiovascular examination, the apex beat displaced 1.5cm lateral to Mid clavicular line. On auscultation diastolic murmur is heard. What is the diagnosis?

- a) Aortic insufficiency**
- b) Mitral insufficiency

- c) Pulmonary insufficiency
- d) Tricuspid insufficiency

202. A patient was asked to copy the clock face made by the physician. The image on right is made by the patient. Which is correct about this image?

- a) Apraxia**
- b) Agraphia
- c) Hemianopia
- d) Hemi-neglect

203. Patient presents with head, hand enlargement with gynecomastia and lactation. Where is the tumour located?

- a) Anterior Pituitary**
- b) Posterior Pituitary
- c) Hypothalamus
- d) adrenal Gland

204. A 30-year-old patient presents with acute abdomen. X Ray Abdomen was done in standing position. Which of the following is correct about management of this condition?

- a) Drain the peritoneal fluid
- b) X Ray guided drainage of peritoneal accumulation
- c) Exploratory laparotomy**
- d) Insert Flatus tube and repeat X ray

205. 14yrs young girl presents with continuous Menstrual bleed for 10 days on her first ever menses at onset of menarche. Which test must be done in this case for evaluation?

- a) Blood coagulation profile**
- b) Vitamin K levels
- c) LFT
- d) None of the above

206. 23yrs old man comes to your OPD with the complaint that he develops pain in penis during erection and cannot have sex. Which is the likely diagnosis?

- a) Paraphimosis
- b) Phimosis
- c) Hypospadias
- d) Peyronie disease**

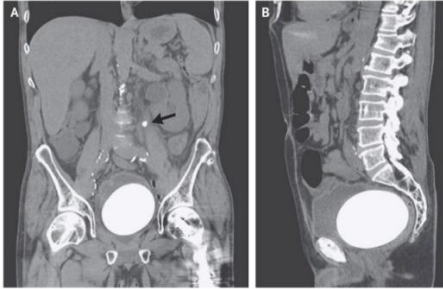
207. What is being amplified in RT-PCR for COVID 19?

- a) DNA**
 - b) RNA
 - c) MPO
 - d) x
-

208. 27yrs old lady is having recurrent headaches and visual blurring episodes. Work up shows grossly elevated platelet count with normal WBC and RBC count. Possible diagnosis is?

- a) Polycythemia vera
- b) CML
- c) Essential thrombocytosis**
- d) Myelofibrosis

209. A 32-year-old female presented with a one-year history of neglected dysuria, hesitancy, supra-pubic pain and intermittent hematuria. Comment on the diagnosis of this X Ray pelvis.?



- a) Bladder stone**
- b) Prostate calcification
- c) Bladder cancer
- d) Womb Stone

210. A 60-year-old male with LUTS. USG abdomen shows prostate size of 55 ml. Post void residual urine was 150 ml. PSA was 10 ng/ml. What is the next best step in management of this patient?

- a) CT
- b) PET
- c) Bone scan
- d) Trans rectal USG guided Biopsy**

211. A patient from North East came to the clinic with complaints of fever, neuritis, orchitis and lymphadenitis. Which of the following is the possible etiological agent?

- a) West Nile virus disease
- b) infectious mononucleosis
- c) Brucellosis**
- d) Tularemia

212. Obese woman presents with pain in both knee joints and can hear sound of click from knee joint while walking. What is the probable diagnosis?

- a) RA
- b) AS
- c) Reiter syndrome
- d) OA**

213. A 2 year old child presents with recurrent UTI episodes which on culture are found to be due to E.coli. Which of the following test is to be done to determine aetiology of disease?

- a) USG
- b) MCU**

- c) RGU
- d) Urine culture

214. An elderly patient presents with signs of moderate dehydration and urine osmolality is found to be low. Which of the following is the possible aetiology?

- a) SIADH
- b) ADPKD
- c) DI**
- d) RTA

215. Patient with previous history of MI three years ago is now presenting with tachypnoea, tachycardia and breathlessness on climbing stairs. S3 heard. Which of the following is the correct diagnosis?

- a) Pericarditis
- b) Pulmonary embolism
- c) LV aneurysm
- d) Congestive heart failure**

216. A adult patient presents with pulsatile swelling in the neck below angle of jaw. It produces an outward expansile Impulse. Which of the following is the most probable diagnosis?

- a) Normal phenomenon
- b) Para-pharyngeal abscess
- c) Carotid body tumour**
- d) Cystic Hygroma

