1. Tinel's sign helps in diagnosis of
   a) Haemoperitoneum
   b) Recovery of the injured nerve
   c) Conjunctivitis
   d) Thyrotoxicosis

2. Trail's sign indicates
   a) Shift of trachea
   b) Shift of oesophagus
   c) Laryngoccele
   d) Pharyngeal diverticulum

3. The normal duration of puerperium lasts approximately about
   a) 6 days
   b) 6 weeks
   c) 6 months
   d) 60 days

4. Which cardiac disease necessitates elective LSCS at term?
   a) Ventricular septal defect
   b) Mitral stenosis
   c) Mitral valve prolapse syndrome
   d) Coarctation of aorta

5. Nerve supply of the pupillary muscle, the sphincter papillae is supplied through
   a) Third cranial nerve
   b) Fourth cranial nerve
   c) Sixth cranial nerve
d) Seventh cranial nerve

6. D shaped pupil is characteristic of
   a) Traumatic mydriasis
   b) Iridodialysis
   c) Traumatic aniridia
   d) Traumatic miosis

7. The dengue fever is transmitted by the mosquito
   a) Culex
   b) Anopheles
   c) Aedes aegypti
   d) Mansonioides

8. Syndromic approach is
   a) Practical tool to improve diagnosis and treatment of cardiac diseases
   b) Treatment for pneumonia
   c) Diagnosis of typhoid
   d) Practical tool to improve diagnosis and treatment of sexually transmitted disease

9. Branchial cyst
   a) Mid line of neck
   b) Upper and middle third of the sternomastoid muscle at its anterior border
   c) Nape of neck
   d) Upper one third along anterior tender of trapezius

10. Meckel's diverticulum is a remnant of
   a) Thyroglossal tract
   b) Midgut
c) Urachus  
d) Vitelline duct

11. Non-union is the commonest complication of
   a) Intertrochanteric fracture  
   b) Colles fracture  
   c) Greenstick fracture  
   d) Scaphoid fracture

12. Which of the following is NOT a feature of triple deformity: (displacement) of tuberculous knee?
   a) Internal rotation  
   b) External rotation  
   c) Posterior subluxation  
   d) Flexion

13. Bagassosis means
   a) Inhalation cotton fibres  
   b) Inhalation of sand particles  
   c) Inhalation of coal dust  
   d) Inhalation of sugarcane fibres

14. Human anatomical waste is disposed by one of the following colour bag
   a) Red colour bag  
   b) Yellow colour bag  
   c) Black colour bag  
   d) White colour bag

15. Which of the following is NOT an enzyme of Urea biosynthesis?
   a) Carbamyl phosphate synthase II  
   b) Ornithine transcarbamylase
c) Argininosuccinase
d) Arginase

16. Thrombomodulin-thrombin complex produce its anti-coagulant effect by
   a) Inactivating factor V and VIII
   b) Inactivating protein C
   c) Inactivating protein S
   d) Inactivating factor VII

17. The normal A. V. nodal delay is
   a) 0.16 sec
   b) 0.13 sec
   c) 0.10 sec
   d) 0.03 sec

18. Glomus tumour arises from
   a) Sub-cutaneous arterio-venous shunts
   b) Lymphatics
   c) Nerves under the nails
   d) None of the above

19. Thyrotoxic myopathy affects
   a) Muscles of the neck
   b) Proximal limb muscles
   c) Distal limb muscles
   d) Muscles of the tongue

20. The most specific auto antibody associated with SLE is
   a) ds-DNA
   b) PCNA
   c) Cardiolipin
21. Signs of shock
   a) Hypotension
   b) Bradycardia
   c) Polyuria
   d) Chest Pain

22. Infectious causes of Erythematous rashes
   a) Measles
   b) Typhoid fever
   c) Yellow fever
   d) Malaria

23. Zollinger-Ellison syndrome is characterised by
   a) Fulminating ulcer in stomach and duodenum
   b) Recurrent ulceration despite adequate therapy
   c) Non-beta islet cell tumours of the pancreas
   d) All the above

24. Micturating cystourethography is used in the diagnosis of
   a) Vesicoureteric reflex and posterior urethral valve
   b) Rupture urethra
   c) Stricture urethra
   d) Ca. of the bladder

25. Sternohyoid is supplied by
   a) C1 through hypoglossal nerve
   b) Ansa cervicalis
   c) Glossopharyngeal nerve
   d) Hypoglossal nerve
26. Criteria for diagnosis of *Gardnerella* vaginosis - includes all EXCEPT
   a) pH more than 4.5
   b) Presence of clue cells
   c) Curdy white discharge
   d) Fishy odour when mixed with 10% KOH (Amine test positive)

27. Treatment for young unmarried nulliparous prolapsed
   a) Vaginal hysterectomy
   b) Le Fort's operation
   c) Shirodkar's abdominal sling operation
   d) Fother-Gill's repair

28. Unconjugated hyperbilirubinemia of new-born is caused by all EXCEPT
   a) Criggler-Najjar syndrome
   b) Cretinism
   c) Septicaemia
   d) Breast milk jaundice

29. Pneumatocele is commonly found in case of
   a) *Staphylococcal* Pneumonia
   b) *Streptococcal* Pneumonia
   c) *Klebsiella* Pneumonia
   d) *Pseudomonas* Pneumonia

30. Apoptosis is
   a) Cell death induced by regulated intra cellular programme
   b) Cell survival by a regulated intra cellular programme
   c) Modification and adaptation by the regulated intra cellular programme
d) Cell death by an extra cellular signal

31. Deposition of calcium in dying tissue is called
   a) Metastatic calcification
   b) Dystrophic calcification
   c) Heterotopic calcification
   d) Normal calcification

32. Pyruvate dehydrogenase enzyme complex contains the following co factors EXCEPT
   a) Thiamine pyrophosphat e
   b) Coenzyme A
   c) Flavin Adenine Dinucleotide (FAD)
   d) Nicotinamide Adenine Dinucleotide Phosphate (NADP)

33. The enzyme lipoprotein lipase is located at the endothelial layer of capillaries of the following tissues EXCEPT
   a) Adipose tissue
   b) Liver
   c) Heart
   d) Muscles

34. Characteristics of epidural anaesthesia include all, EXCEPT
   a) A decreased risk for post-dural puncture headache
   b) A higher incidence of systemic hypotension
   c) Ability to produce a segmental sensory block
   d) A catheter can be placed in the epidural space

35. The most common position adopted for surgical procedures is
   a) Trendelenburg position
   b) Lithotomy position
   c) Supine position
36. Dermis is involved in the
   a) First degree burns
   b) Second degree burns
   c) Third degree burns
   d) Fourth degree burn

37. Felty’s syndrome associated with disease of
   a) Thyrotoxicosis
   b) Splenomegaly
   c) Hepatomegaly
   d) None of the above

38. The drug Travoprost used in glaucoma is a
   a) Carbonic anhydrase inhibitor
   b) Selective beta blocker
   c) Alpha agonist
   d) Prostaglandin analogue

39. Radiological appearance of bamboo spine is
   a) Tuberculosis spine
   b) Scheurmann’s disease
   c) Ankylosing spondylitis
   d) Reiter’s disease

40. Tumour arising from diaphysis
   a) Osteosarcoma
   b) Giant cell tumour (osteoclastoma)
   c) Aneurysmal bone cyst
   d) Ewing’s sarcoma
41. Klinefelter's syndrome karyotype is
   a) 47 XXX
   b) 45 XO
   c) 47 XXY
   d) 46 XX / 45 XO

42. The sago spleen and lardaceous spleen are condition seen in
   a) Congestive splenomegaly
   b) Auto splenectomy
   c) Secondaries in spleen
   d) Amyloidosis of the spleen

43. The effects of adenosine are potentiated in patients receiving dipyridamole because
   a) Dipyridamole is an adenosine uptake inhibitor
   b) Dipyridamole is an adenosine receptor blocker
   c) Dipyridamole is an adenosine receptor agonist
   d) Dipyridamole is an adenosine deaminase activator

44. Imipenem is marketed in combination with Cilastatin, a drug that
   a) Inhibits the degradation of imipenem by beta lactamase
   b) Inhibits the degradation of imipenem by a renal tubular dipeptidase
   c) Inhibits the degradation of imipenem by carbonic anhydrase in renal brush border
   d) Inhibits the degradation of imipenem by DNA gyrase

45. The inhibitor of complex IV of electron transport chain is
   a) Barbiturates
   b) Antimycin A
   c) Hydrogen sulphide
d) Dimercaprol

46. The key regulatory enzyme in hepatic biosynthesis of heme is
a) Uroporphyrinogen decarboxylase
b) ALA synthase
c) Coproporphyrinogen oxidase
d) Protoporphyrinogen oxidase

47. Normal body mass index is
a) 18.5 to 24.99
b) 15 to 18
c) 25.00 to 29.99
d) Greater than 30

48. The following is one of the goals of National Rural Health Mission by 2012
a) Reduction of infant mortality to 60 per 1000 live births
b) Reduction of infant mortality to 30 per 1000 live births
c) Reduction of infant mortality to 10 per 1000 live births
d) Reduction of total fertility rate to 5

49. Root values of deep tendon reflexes
a) Biceps jerk - C5, C6
b) Supinator jerk - C7
c) Triceps jerk - C8
d) Ankle jerk - L4, L5

50. Frontal lobe function
a) Personality
b) Memory
c) Vision
d) Calculation
51. The family where the parent have separated or divorced due to disharmony is known as
   a) Problem family
   b) Broken family
   c) Nuclear family
   d) Joint family

52. The benefits of a health programme are measured in natural units in
   a) Cost effectiveness analysis
   b) Cost benefit analysis
   c) Cost utility analysis
   d) Cost minimization analysis

53. Signs of Diabetic ketoacidosis
   a) Loss of sweating
   b) Depression
   c) Dehydration
   d) Absent deep tendon reflexes

54. Symptoms of hypoglycaemia
   a) Sweating
   b) Bradycardia
   c) Chest Pain
   d) Breathlessness

55. Causes of polyuria
   a) Hyperglycaemia
   b) Hypoglycaemia
   c) Decreased fluid intake
   d) Hypocalcaemia
56. Microalbuminuria is defined as
   a) 0.3-0.5 mg of 24 hr urine protein
   b) <0.03 mg of 24 hrs protein
   c) 0.03-0.3 mg of 24 hrs urine protein
   d) >2.5 mg 24 hrs urine protein

57. Hyperthermia is defined as
   a) A Core Temperature >40.0 °C
   b) A Core Temperature > 41.5 °C
   c) Elevated temperature that normalizes with Anti-Pyretic Drugs
   d) Uncontrolled increase in body temperature despite a normal hypothalamic temperature setting

58. Which valvular heart disease is most likely to cause death during pregnancy?
   a) Mitral stenosis
   b) Mitral regurgitation
   c) Aortic stenosis
   d) Aortic regurgitation

59. Which is NOT true about Krukenberg tumour?
   a) Presence of signet ring cell
   b) The tumour does not retain the shape of normal ovary
   c) Invariably bilateral
   d) Primary carcinoma being stomach (70%)

60. Hysterosalpingogram findings in tubercular salpingitis includes all EXCEPT
   a) Bilateral cornual block with extravasation of dye
   b) Rigid, non-peristaltic lead pipe appearance
   c) Powder bum appearance
d) Tobacco powder appearance

61. The other name for Dengue fever is
a) Break-bone fever
b) Chikingunya
c) Yellow fever
d) Kyasanur-forest fever

62. Mild steatorrhea is caused by
a) *Trichomonas vaginalis*
b) *Giardia lamblia*
c) *E. histolytica*
d) *Entamoeba coli*

63. Amoebic abscess caused by
a) *Staph. aureus*
b) *Entamoeba histolytica*
c) *Influenza*
d) *Echinococcus granulose*

64. Strawberry lesion of the recto-sigmoid result from an infection by
a) *Staph. aureus*
b) *Staphylococci*
c) *Spirochaeta vincenti* and *Bacillus fusiformis*
d) *Gonococci*

65. Most common hallucinations that occur in Schizophrenia are
a) Visual Hallucinations
b) Tactile Hallucinations
c) Auditory Hallucinations
d) Olfactory Hallucinations
66. Fear of being in places or situations from which escape might be difficult, embarrassing or in which help may be unavailable in the event of having panic attack. This condition is called
a) Social Phobia
b) Zoophobia
c) Acrophobia
d) Agoraphobia

67. Hypoglossal Nerve supplies all muscle EXCEPT
a) Palatoglossus
b) Styloglossus
c) Genioglossus
d) Hyoglossus

68. Commonly affected nerve in anterior shoulder dislocation is
a) Musculocutaneous nerve
b) Radial nerve
c) Axillary nerve
d) Median nerve

69. Stress fracture most commonly occurs in
a) Calcaneus
b) Metatarsal
c) Distal end of radius
d) Neck of humerus

70. Insulinoma is the most common functioning tumour of
a) Pancreas
b) Liver
c) Gall bladder
d) Thyroid
71. Causes of intestinal paralytic ileus
   a) Pancreatitis and pneumonia
   b) Peritonitis or abscess
   c) Pneumonia viscera
   d) All of the above

72. The most sensitive and reliable indicator of health status of a country is
   a) Maternal mortality
   b) Crude death
   c) Infant mortality
   d) Perinatal mortality

73. The content of iodine in iodized salt at consumer level should be
   a) 20 parts per million
   b) 15 parts per million
   c) 50 parts per million
   d) 75 parts per million

74. Familial polyposis coli due to
   a) Abnormality of chromosomes five
   b) Abnormality of chromosome
   c) Intestinal tuberculosis
   d) Intussusception

75. Thyroid gland is developed from
   a) Floor of the primitive pharynx
   b) Larynx
   c) Trachea
   d) None of the above
76. Paget's disease of the nipple  
   a) Superficial manifestation of underlying breast cancer  
   b) Galactocele  
   c) Eczema  
   d) All the above

77. Richter's hernia  
   a) Is a strangulated hernia  
   b) Is a hernia in which sac contains a portion of the circumference of the intestine  
   c) When appendix is in the hernia sac  
   d) Is a sliding hernia

78. Three bony prominence (triangle) of elbow is not altered in  
   a) Posterior elbow dislocation  
   b) Supracondylar fracture humerus  
   c) Intercondylar fracture humerus  
   d) Medial condyle fracture

79. Blue sclera is a clinical feature of  
   a) Osteogenesis imperfecta  
   b) Marfan's syndrome  
   c) Down's syndrome  
   d) Morquio-Brailford disease

80. Animal reservoir for swine influenza virus are  
   a) Field mice  
   b) Urban rats  
   c) Pigs  
   d) *Calomys callosus*
81. A water sample is considered unsatisfactory by a presumptive coliform count when the count is
   a) 1-3/100 ml
   b) More than 10/100 ml
   c) 4-10/100 ml
   d) 0/100 ml

82. The rectum measures
   a) 18 cm
   b) 22 cm
   c) 17 cm
   d) 15 cm

83. Acute infections purpura fulminans is caused by
   a) Neisseria meningitides and Varicella
   b) Gonococci
   c) E. coli
   d) Proteus

84. The causal mechanism in carcinoid syndrome is due to
   a) Erythropoietin and Immunoglobulin
   b) Serotonin and bradykinin
   c) Insulin and Insulin like substance
   d) ACTH and ACTH like substances

85. Dohle Bodies seen in neutrophils of patients suffering from sepsis are
   a) Golgi complexes
   b) Toxic granule
   c) Dilated endoplasmic reticulum
   d) Degenerated mitochondria
86. The agent causing contraction of mesangial cells is
   a) Dopamine  
   b) PGE2  
   c) CAMP  
   d) Endothelins

87. Which of the following is the most common type of Psoriasis?
   a) Guttate psoriasis  
   b) Pustular psoriasis  
   c) Stable plaque psoriasis  
   d) Erythrodermic psoriasis

88. Progression to abscess formation in nerves is most commonly seen in
   a) Tuberculoid leprosy  
   b) Borderline lepromatous leprosy  
   c) Lepromatous leprosy  
   d) Borderline borderline leprosy

89. Strawberry vagina is characteristic of
   a) Gardnerella vaginosis  
   b) Trichomonas  
   c) Chlamydia  
   d) Moniliasis

90. Tumour marker of choriocarcinoma
   a) Alpha 1 Anti trypsin  
   b) Alpha feto protein  
   c) Human chorionic gonadotropin  
   d) Human placental lactogen
91. Which of the following proteins does not cause secretion of gastric acid?
a) Acetylcholine  
b) Somatostatin  
c) Histamine  
d) Gastrin  

92. All the following cancer commonly metastasize to the liver EXCEPT  
a) Breast  
b) Prostate  
c) Colon  
d) Pancreas  

93. One of the objectives in Revised National Tuberculosis Control Programme is  
a) Cure rate of at least 85% among new sputum positive cases  
b) Cure rate of 100% among new sputum positive cases  
c) Cure rate of 50% among new sputum positive cases  
d) Cure rate of 60% among new sputum positive cases  

94. The reason for presence of glucose in oral rehydration solution is  
a) To give energy  
b) To stop the diarrhoea  
c) To kill bacteria  
d) To promote the absorption of sodium and water from the intestine  

95. Oropharynx manifestation of HIV infection  
a) Oral hairy leucoplakia  
b) Caries tooth  
c) Cheilitis
d) Pharyngitis

96. Manifestation of nephritic syndrome
a) Edema
b) Hypotension
c) Haematuria
d) Polyuria

97. Acalculous cholecystitis is seen in
a) Patient recovering from major surgery
b) Trauma
c) Burns
d) All the above

98. Cause of secondary brain injury
a) Pyrexia and hypotension
b) Seizure and metabolic disturbance
c) Low cerebral perfusion pressure
d) All of the above

99. Which of the following antidepressant is called selective serotonin reuptake inhibitor?
a) Imipramine
b) Amitriptyline
c) Fluoxetine
d) Desipramine

100. Choose the antihypertensive drug that stimulates alpha adrenergic receptor.
a) Reserpine
b) Clonidine
c) Telmisartan
d) Minoxidil

101. Grave's disease is the most common cause of
   a) Hypothyroidism
   b) Hyperthyroidism
   c) Thyroiditis
   d) None of the above

102. Plummer - Vinson syndrome it is an
   a) Iron deficiency anaemia
   b) Anaplastic anaemia
   c) Vitamin deficiency
   d) Increased haemoglobin

103. Cardiac output is its peak at
   a) 30-34 weeks
   b) 40 weeks
   c) 36-38 weeks
   d) 28-32 weeks

104. "Snow storm" appearance is a USG finding seen in
   a) Ectopic pregnancy
   b) Hydatidiform mole
   c) PCOD
   d) Incomplete abortion

105. At the start of inspiration, the intrapleural pressure at the base of the lungs is
   a) 1.5 mm of Hg
   b) 1 mm of Hg
   c) 2.5 mm of Hg
   d) 6 mm of Hg
106. Binding of oxygen to Hemoglobin reduces its affinity for carbon dioxide is known as
   a) Haldane effect
   b) Chloride shift
   c) Bohr effect
   d) Anion exchanger

107. All the following are cognizable offences, EXCEPT
   a) Rape
   b) Dowry death
   c) Attempted suicide
   d) Ragging

108. The term "Professional Death Sentence" denotes
   a) Rigorous imprisonment
   b) Death punishment
   c) Severe warning to the registered medical Practitioner by the Medical Council
   d) Penal erasure of the name of the registered medical Practitioner from the Medical Register

109. Division of long thoracic nerve results in
   a) Inability to retract the scapula
   b) Wasting of Pectoralis major muscle
   c) Weakness of adduction of humerus
   d) Winging of scapula

110. Kayser Fleischer ring is seen in
    a) Parkinson disease
    b) Wilson's disease
c) Alzheimer disease
d) Hereditary ataxia

111. Posterior staphyloma is seen in
a) Hypermetropia
b) Pathological myopia
c) Astigmatism
d) Presbyopia

112. Caudal regression syndrome is seen in foetuses of
a) Diabetes mellitus complicating pregnancy
b) PIH
c) SLE complicating pregnancy
d) Syphilis complicating pregnancy

113. Bluish discolouration of vagina in early pregnancy is called
a) Osiander sign
b) Chadwick's sign
c) Godell's sign
d) Hegar's sign

114. The indicator of water treatment efficiency and integrity of
distribution system is
a) Presence of chlorine
b) Coliform test
c) Orthotolidine test
d) Biochemical oxygen demand

115. Case fatality rate used to know the
a) Prevalence of the disease
b) Incidence of the disease
c) Severity of the disease
d) Control of the disease

116. Waddling gait (Sailor's gait) is seen in
a) Bilateral CTEV (Congenital Talipes Equino Varus)
b) Bilateral CDH (Congenital Dislocation of Hip)
c) Congenital genu recurvatum
d) Bilateral calcaneo-valgus deformity

117. Radiological features of cupping of metaphysis is seen in
a) Rickets
b) Hyperparathyroidism
c) Multiple enchondromas - (Ollier's disease)
d) Senile osteoporosis

118. All the following are clinical manifestations of Rickets EXCEPT
a) Delayed closure of anterior fontanel
b) Harrison's groove
c) Broadening of wrists
d) Microcephaly

119. Which of the following is a live attenuated vaccine?
a) BCG
b) IPV
c) DPT
d) HIB type B

120. Pheochromocytomas are neoplasia derived from
a) Cluster of neuro endocrine cell called paraganglia in adrenal gland
b) Para ganglia in neck
c) An adrenal gland tumour due to nephrogenic rest
d) Primitive totipotential cell
121. Partial mole are characterized by the following karyotype
a) 69 XXY / 92 XXXY
b) 72 XX / 72 XY
c) 92 XX / 92 XY
d) 45 XO / 46 XX

122. All of the following clinical findings are consistent with severe mitral stenosis EXCEPT
a) Atrial Fibrillation
b) Pulsatile Liver
c) Opening snap late after S2
d) Pulmonary vascular congestion

123. The most common cause of a pleural effusion is
a) Cirrhosis
b) Left ventricular failure
c) Malignancy
d) Pneumonia

124. Pain in inflammation is mediated by
a) Histamine and Nitric oxide
b) Prostaglandins and Interleukins
c) Interferon and free radicals
d) Prostaglandins and bradykinins

125. Granuloma is characterised by
a) Focal accumulation of activated macrophages
b) Collection of neutrophils
C) Newly formed vessels
d) Collection of eosinophils
126. Which of the following class of medicine has been linked to the occurrence of fractures in the elderly?
   a) Opiates
   b) Beta blockers
   c) Benzodiazepines
   d) ACE inhibitor

127. The Antidote for cyanide poisoning is
   a) Atropine
   b) 2-Pralidoxime
   c) Sodium nitrite with sodium thiosulfate
   d) None of the above

128. Tetanus is caused by
   a) Clostridium perfringens
   b) Clostridium tetani
   c) Staphylococcus aureus
   d) Bacillus coli

129. Hydatid cyst is caused by
   a) Clonorchis sinensis
   c) Echinococcus granulosus
   b) Wuchereria bancrofti
   d) Ascaris lumbricoides

130. Which of the following statement is true about gentamicin?
   a) It is a polar cation and therefore it is very poorly absorbed from the gastrointestinal tract
   b) It is not used in combination with all cephalosporin for the therapy of proven gram-negative microbial infections
   c) Nephrotoxicity and irreversible ototoxicity are not the most important and serious side effects of Gentamicin
d) Gentamicin is effective for the treatment of pneumonia due to anaerobes

131. Zolpidem is a
a) Benzodiazepine sedative - hypnotic drug
b) Non-benzodiazepine sedative - hypnotic drug
c) Barbiturate sedative - hypnotic drug
d) Phenothiazine sedative - hypnotic drug

132. Good prognosis in metastatic malignant gestational trophoblastic disease includes all EXCEPT
a) Pre-treatment urine HCG levels < 1000 IU/24hrs
b) Metastatic disease limited to the pelvis/lungs
c) Metastatic choriocarcinoma following a term pregnancy
d) Duration of disease from termination of pregnancy to initiation of chemotherapy less than 4 months

133. Swiss cheese pattern endometrium is seen in
a) Carcinoma endometrium
b) Metropathia haemorrhagica
c) Hydatiform mole
d) Halban’s disease

134. Intake of unpasteurised milk causes
a) Yellow fever
b) Brucellosis
c) Pulmonary tuberculosis
d) Enteric fever

135. Haemorrhagic rashes are seen in
a) Malaria
b) Enteric fever
c) Meningococcal infections
d) Pneumonia

136. The myocardial contraction is stimulated by
a) Influx of Ca\(^{++}\) ions
b) Influx of Na\(^{+}\) ions
c) Efflux of K\(^{+}\) ion
d) Efflux of Na\(^{+}\) ion

137. Corrected QT (QTc) is
a) 0.12-2 sec
b) >0.5 sec
c) 2 to 3 sec
d) <0.46 sec

138. One of the following is NOT a Pervasive Developmental Disorder
a) Autistic disorder
b) Conduct disorder
c) Asperger's disorder
d) Rett's disorder

139. Ionizing radiation is the substance which ionizes the atoms when it passes. It is harmful for Biological matter. Which of the following is a Non-ionizing modality?
a) Conventional X-ray
b) Computerized Tomography
c) Magnetic Resonance Imaging
d) Isotopic Scanning

140. Doppler effect is due to
a) Change in frequency in relative to the movement of source or observer
b) Change in attenuation
c) Change in absorption
d) Change in reverberation

141. Common cause of chronic renal failure
a) Hypotension
b) Hypertension
c) Diabetes insipidus
d) Malaria

142. Causes of transudate pleural effusion
a) Nephritic syndrome
b) Tuberculosis
c) Pneumonia
d) Pulmonary infarction

143. In Barrett's oesophagus lining is
a) Squamous cell epithelium
b) Transitional cell epithelium
c) Mucous secreting columnar cell epithelium
d) None of the above

144. The most common indication of liver transplantation in adult is
a) Portal vein thrombosis
b) Cirrhosis
c) Biliary atresia
d) None of the above

145. Commonest cause of nephritic syndrome in children
a) Minimal change disease
b) Membranous GN
c) Ig A nephropathy
d) Mesangio proliferative GN

146. All of the following causes jaundice at birth or within 24 hours EXCEPT
   a) Physiological jaundice
   b) Haemolytic disease of the new-born
   c) Criggler - Najjar syndrome
   d) Intrauterine infections (TORCH)

147. Judicial electrocution is carried out in
   a) United Kingdom
   b) India
   c) Italy
   d) Some states in U.S.A.

148. Imaginary threads are pulled from the tips of finger in poisoning by
   a) Cocaine
   b) Datura
   c) Aconite
   d) Cannabis

149. Features of exudates pleural effusion
   @ Pleural fluid protein: Serum protein ratio > 0.5
   b) Pleural fluid protein: Serum protein ratio > 0.8
   c) Pleural fluid protein: Serum protein ratio < 0.5
   d) Pleural fluid protein: Serum protein ratio > 1.0

150. Features of metabolic syndrome
   a) Hypoinsulinaemia
b) High HDL cholesterol
c) Hyperinsulinaemia
d) Type I Diabetes mellitus

151. Which anti-hypertensive drug is avoided in pregnancy?
   a) Enalapril
   b) Labetalol
   c) Sodium nitroprusside
   d) Methyldopa

152. Methergin is avoided in all EXCEPT
   a) PIH
   b) Rh negative pregnancy
   c) Anaemia complicating pregnancy
   d) Heart disease complicating pregnancy

153. Which of the following joint are typically spared in osteoarthritis?
   a) Ankle
   b) Knee
   c) Hip
   d) Cervical spine

154. What is the most common Extra-Articular manifestation of ankylosing spondylosis?
   a) Anterior uveitis
   b) Aortic regurgitation
   c) Cataract
   d) Inflammatory bowel disease

155. One of the following is NOT a feature of Dementia
   a) Failing Memory
b) Impaired Judgement  
c) Clouding of Consciousness  
d) Alteration in Mood and Affect  

156. Delirium Tremens (DT) is related to  
a) Alcohol withdrawal  
b) Opioid withdrawal  
c) Cocaine withdrawal  
d) Cannabis withdrawal  

157. Apple jelly nodules on the nasal septum are seen in  
a) Syphilis  
b) Scleroma  
c) Lupus Vulgaris  
d) Leprosy  

158. Bernouilli’s principle is responsible for  
a) Deviated Nasal Septum  
b) Malignancy  
c) Polyp Formation  
d) Nasal Allergy  

159. Lithotripsy is the equipment used to crush the stones  
a) High frequency (CW) US used  
b) High frequency pulsed wave  
c) Low frequency continuous wave  
d) Medium range (2-5 MHz) pulsed wave are used  

160. Warthin's tumour found in  
a) Salivary gland  
b) Thyroid gland  
c) Brunner's gland
d) Adrenal gland

161. ERCP is used in diagnosis for
a) Pancreatic and biliary duct dilatation
b) Peptic ulcer
c) C.A. stomach
d) Secondaries liver

162. Fully embryonated egg of *Trichuris trichura* contain
a) Eight blastomeres
b) Unsegmented ova
c) Rhabditiform larva
d) Ciliated embryo

163. Jock itch is caused by
a) Tinea pedis
b) Tinea capitis
c) Tinea unguium
d) Tinea cruris

164. Cricothyroid muscle is supplied by
a) Recurrent Laryngeal nerve
b) Inferior Laryngeal nerve
c) Superior Laryngeal Nerve
d) Nerve of Galen

165. The most common organism found in malignant otitis externa is
a) *Staphylococcus*
b) *Streptococcus*
c) *Pseudomonas*
d) *Proteus*
166. Bishop's score include all EXCEPT
a) Cervical dilatation
b) FHR
c) Station of foetal head
d) Consistency of Cervix

167. The concentrations of HCG in normal pregnancy is maximum at
a) 6 weeks of gestation
b) 10 weeks of gestation
c) 20 weeks of gestation
d) Term

168. The period of validity of an international certificate of yellow fever vaccination is
a) Five years
b) Fifteen years
c) Twenty years
d) Ten years

169. The following is an important indicator to measure the incidence of malaria in a community
a) Annual falciparum incidence
b) Slide positivity rate
c) Infant parasite rate
d) Annual parasite incidence

170. Exenatide is effective in lowering
a) Ionized serum Ca^{2+}
b) Lead in plasma
c) Hemoglobin A1c
d) Iron in plasma
171. Which of the following is NOT a therapeutic use of prostaglandin?
   a) Therapeutic abortion
   b) Gastric cytoprotection
   c) Crohn's disease
   d) Impotent patients who do not have disorders of the vascular system

172. Dribbling of saliva from the angle of mouth suggest
   a) Ante mortem hanging
   b) Ante mortem Drowning
   c) Manual Strangulation
   d) Ante mortem Burn

173. Endotoxin is part of the outer portion of the cell wall of
   a) Gram positive bacteria
   b) Gram negative bacteria
   c) Candida albicans
   d) All the above

174. Which of the following is a cytophilic antibody?
   a) IgM
   b) IgA
   c) IgE
   d) IgG

175. Which of the following structure is NOT present in lesser omentum?
   a) Portal vein
   b) Hepatic artery
   c) Bile duct
d) Inferior vena cava

176. High stepping gait is a feature of
a) Cerebellar involvement
b) Posterior column damage
c) Foot drop
d) Frontal lobe involvement

177. In the developed world, sero-prevalence of Helicobacter pylori infection is currently
a) Decreasing
b) Increasing
C) Staying the same
d) Unknown

178. The physical quality of life index takes into consideration the following components
a) Infant mortality, life expectancy at age one and literacy rate
b) Infant mortality, life expectancy at birth and literacy rate
c) Infant mortality and maternal mortality
d) Perinatal mortality and literacy rate

179. In demographic cycle, India is in one of the following stage
a) Pre transition stage
b) Early transition stage
c) Mid transition stage
d) Declining stage

180. Gas gangrene is caused by
a) Gaseous disinfectants
b) Cl. perfringens
c) Gaspak system
d) *Cl. botulinum* toxin type A

181. Sample collection for renal tuberculosis is
a) Single early morning urine sample
b) 24 hours urine collection
c) 3 random urine collection
d) 3-6 morning samples of urine

182. Erysipelas is a skin infection often caused by
a) *Erysipelothrix rhusiopathiae*
b) Grp A beta – haemolytic *Streptococci*
c) *Trichophyton rubrum*
d) *Pseudomonas eruginosa*

183. All of the following are true about Bullous Impetigo EXCEPT
a) Caused by *Staph. aureus*
b) Common in neonates and infants
c) Lesions commonly occur on face
d) Lesions have an erythematous base

184. Negative contrast medium is
a) Difficult for x-rays to penetrate
b) Easily penetrated by x-rays
c) High in atomic number
d) Opaque to x-rays

185. Ultrasonogram is the primary modality of choice in obstetrics and in surgery. Frequency of the ultrasound used to image the breast, thyroid and testis are
a) 2-5 MHz
b) 5-10 MHz
c) 1-2 MHz
d) 20-25 MHz

186. Basic anaesthetic monitoring include
a) Measuring the concentration of oxygen in patient breathing system by oxygen analyser
b) All patient receiving anaesthesia shall have continuous ECG display
c) Temperature monitoring to be done when clinically significant changes in body temperature are intended, anticipated or suspected
d) All of the above

187. Nerve fibre in greater, lesser and least splanchnic nerves are
a) Pre-ganglionic sympathetic fibres
b) Post-ganglionic sympathetic fibres
c) Pre-ganglionic parasympathetic fibres
d) Post-ganglionic parasympathetic fibres

188. All the following vessels end directly in the right atrium EXCEPT
a) Coronary sinus
b) Oblique vein of left atrium
c) Anterior cardiac vein
d) Venae cardis minimae

189. Sensitivity means
a) True positive
b) False positive
c) True negative
d) False negative
190. The value of observation which occur maximum of number of times in the data is
a) Mode  
b) Median  
c) Mean  
d) Standard deviation

191. First sign of sexual maturation in girls is
a) Menarche  
b) Pubarche  
c) Enlargement of breast  
d) Maturation of breast

192. Recommended daily dietary allowance of Vitamin A for an infant is
a) 100-200 mg 
b) 300-400mg 
c) 50 - 60 mg  
d) 750 mg

193. All the under mentioned are true with respected of ether anaesthesia EXCEPT
a) It is flammable  
b) Use of ether is associated with quick induction time  
c) There will be a delayed emergence from anaesthesia  
d) Use of the ether is associated with a high incidence of nausea and vomiting

194. The goals of pre-operative evaluation include
a) Assessing the risk of co-existing disease  
b) Addressing patient's concerns  
c) Discussing options for anaesthesia care
d) All of the above

195. Most commonest cause of pelvic inflammatory disease is
   a) Gonococci
   b) Haemophilus
   c) E. coli
   d) Mycoplasma

196. Dysgerminoma secrete
   a) Oestrogen
   b) Placental alkaline phosphatase
   c) Beta-HCG
   d) Testosterone

197. Which of the following drug has selective activity at D₂ receptor site?
   a) Bromocriptine
   b) Pergolide
   c) Ropinirole
   d) Selegiline

198. Montelukast is a
   a) Selective, high affinity, competitive agonist of the cys-LTI receptor
   b) Selective, high affinity non-competitive agonist of cys-LTI receptor
   c) Selective, high affinity partial agonist of the cys-LTI receptor
   d) Selective, high affinity competitive antagonist of the cys-LTI receptor

199) Pincer grasp is achieved at
   a) 5 months
   b) 7 months
c) 9 months
d) 1 year

200. A neonate with scaphoid abdomen with respiratory distress has
a) Congenital pyloric stenosis
b) Volvulus
c) Diaphragmatic hernia
d) Choanal atresia