1. Heparin’s major mode of action is
   (A) to inhibit synthesis of thrombin  (B) not easily controlled
   (C) to inhibit factor VII synthesis  (D) to activate plasmin

2. Maximum ESR is seen in
   (A) CHF  (B) Polycythemria vera
   (C) Multiple myeloma  (D) Sickle cell anemia

3. Cholesterol gall stones are due to
   (A) decreased motility of Gall bladder  (B) hypo secretion of bile salts
   (C) hyper cholesterolemia  (D) All of the above

4. Bile ductopenia is seen in
   (A) GVHD  (B) Alcoholic hepatitis
   (C) Autoimmune hepatitis  (D) Cirrhosis

5. The predominant constituent of the pale yellow gall stones in the gall bladder is
   (A) Mucin glycoprotein  (B) Calcium carbonate
   (C) Cholesterol  (D) Calcium phosphate

6. The most favoured treatment for a pelvic abscess in cul-de-sac is
   (A) Laparotomy  (B) Colpotomy
   (C) External I & D  (D) Antibiotics

7. When rectal washouts are given to Hirschsprung’s disease, the following fluid is used:
   (A) 5% dextrose  (B) Normal saline
   (C) Soap solution  (D) Tap water

8. Intestine get strangulated most commonly in which space?
   (A) Omental bursa  (B) Paraduodenal space
   (C) Rectouterine space  (D) Subphrenic

9. Distal clearance in surgery for carcinoma rectum is
   (A) 2 cm  (B) 5 cm
   (C) 10 cm  (D) 8 cm

10. Pain & tenderness over the lateral condyle of humerus with a painful dorsi flexion of the wrist is indicative of
    (A) Golfer’s Elbow  (B) Tennis Elbow
    (C) Pitcher’s Elbow  (D) Cricket Elbow
11. Test for carpal tunnel syndrome  
(A) BP cuff test  
(B) Tethered median nerve stress test  
(C) Phalen’s test  
(D) All of the above

12. Vertebra plana occurs in  
(A) TB spine  
(B) Secondaries in spine  
(C) Pyogenic osteomyelitis  
(D) Eosophilic granulomas

13. Most common cause of septic arthritis in all ages  
(A) Streptococcus  
(B) Staphylococcus  
(C) Gonococcus  
(D) Pseudomonas

14. Most common site of Ivory osteoma  
(A) Orbit  
(B) Maxilla  
(C) Frontal sinus  
(D) Mandible

15. Heberden’s Arthropathy affects  
(A) Lumbar spine  
(B) Symmetrically large joints  
(C) Sacroiliac joints  
(D) Distal interplalangeal joints

16. Synovial tissue is seen earliest in a developing point at the age of  
(A) 8th week of intrauterine life  
(B) 12th week of intrauterine life  
(C) 15th week of intrauterine life  
(D) 28th week of intrauterine life

17. The commonest histological variety of bronchogenic carcinoma is  
(A) Oat cell carcinoma  
(B) Squamous cell carcinoma  
(C) Adeno carcinoma  
(D) Adenosquamous carcinoma

18. In dysphagia lusoria true is  
(A) Esophagela web  
(B) Aberrant vessels  
(C) Qesophageal stricture  
(D) Oesophageal carcinoma

19. Amyl nitrate inhalation test is used to detect  
(A) Carcinoma esophagus  
(B) Achalasia cardia  
(C) Oesophageal diverticulum  
(D) Transeoesophageal fistula

20. In congenital pyloric stenosis the defect usually lies in - antrum  
(A) Nerve fibres  
(B) Circular muscle fibres  
(C) Longitudinal muscle fibres  
(D) Mucosa
21. Most common artery involved in perforation of duodenal ulcer is
   (A) Gastroduodenal artery  (B) Gastroepiploic artery
   (C) Rt gastric artery      (D) Pancreaticoduodenal A

22. With reference to duodenal ulcers, consider the following statements :
   (A) They occur most often in the second part of duodenum
   (B) Infection with H. pylori and NSAID-induced injury account for majority of duodenal ulcer
   (C) Malignant duodenal ulcers are extremely rare
   (D) Extradication of H. pylori has greatly reduced the recurrence rates in duodenal ulcers

23. The spleen contains about .......% of the total blood volume.
   (A) 1  (B) 2
   (C) 5  (D) 7

24. If suture marks are to be avoided, skin sutures should be removed by
   (A) 72 hours  (B) 1 week
   (C) 2 weeks   (D) 3 weeks

25. During nutritional assessment of a surgical patient, the status of muscle protein is indicated by which one of the following parameters ?
   (A) Serum albumin  (B) Triceps skinfold thickness
   (C) Mid-arm circumference  (D) Hb level

26. Cortisol level returns to normal ............. after haemorrhage.
   (A) 2 weeks  (B) 10 days
   (C) 7 days   (D) 3 days

27. Period of onset in tetanus refers to the time between
   (A) first injury to spasm  (B) first symptom to spasm
   (C) first spasm to death   (D) trismus to laryngeal spasm

28. Cock’s peculiar tumour is
   (A) secondary to osteomyilits of skull bones
   (B) secondary to infected sebaceous cyst
   (C) secondaries in skull bones from cancer thyroid
   (D) epithelioma of scalp

29. Chronic Burrowing ulcer is caused by
   (A) microaerophilic streptococci  (B) peptostreptococcus
   (C) streptococcus viridans  (D) streptococcus pyogenes
30. In a young female of reproductive age an absolute contraindication for prescribing oral contraceptive pills is
(A) Diabetes       (B) Hypertension
(C) Obesity        (D) Impaired liver function

31. The most common site of ligation in female sterilisation is
(A) Isthmus        (B) Ampullary
(C) Cornual        (D) Fimbrial

32. Treatment of choice in a young patient with primary dysmenorrhoea is
(A) Presacral neurectomy (B) Dilatation
(C) Hysterectomy    (D) Symptomatic

33. LH secretion is decreased by
(A) Bromocriptine   (B) Hyperthyroidism
(C) Prolactinoma    (D) HCG

34. Presence of decubitus ulcer in proplapse indicates
(A) Infection      (B) Malignancy
(C) Circulatory disturbances (D) Mechanical trauma

35. Pouch of Douglas with vaginal wall prolapse of uterus is known as
(A) Cystocele      (B) Urethrocele
(C) Enterocoele    (D) Rectocele

36. A 35 years old lady with 3 children and had undergone tubal ligation shows a positive pap smear, next line of management is
(A) Irradiation    (B) Hysterectomy
(C) Hysterosalpingo oophorectomy (D) Colposcopy and cervical biopsy

37. In which of the following genital tract malignancy, the risk of metastasis to ovary is the least?
(A) Carcinoma cervix (B) Carcinoma endometrium
(C) Carcinoma fallopian tube (D) Uterine sarcoma

38. Which one of the following histological types is the most virulent carcinoma of cervix?
(A) Small cell keratinizing (B) Large cell keratinizing
(C) Small cell non-keratinizing (D) Large cell non-keratinizing
39. True about dermoid cyst of ovary
   (A) It is a teratoma       (B) Frequently undergo torsion
   (C) X-ray is diagnostic   (D) All of the above

40. Chocolate cyst of the ovaries arise
   (A) denovo in the ovary    (B) from the corpus luteum
   (C) from the Graafian follicle (D) as a result of endometriosis

41. Hob nail cells are seen in
   (A) Hilus cell tumor       (B) Clear cell carcinoma
   (C) Dysgerminoma           (D) Arrhenoblastoma

42. Which one of the following is not an epithelial tumour of the ovary ?
   (A) Serous cystadenoma     (B) Brenner tumour
   (C) Clear cell tumour      (D) Endodermal sinus tumour

43. All are indications for hysterectomy except
   (A) Couvelaire uterus      (B) Rupture uterus
   (C) PPH not controlled by ligation of internal iliac artery
   (D) None of the above

44. Post coital test (PCT) is done for
   (A) Cervical receptivity   (B) Sperm motility
   (C) Absolute sperm count   (D) Viable sperm count

45. The most common cause of secondary amenorrhoea is
   (A) Polycystic ovarian disease (B) Premature ovarian failure
   (C) Pregnancy              (D) Prolactinoma

46. Nonoxynol-9 (marketed as ‘Today’) is a/an
   (A) Hormonal contraceptive (B) Intrauterine contraceptive
   (C) Barrier contraceptive  (D) Post - coital contraceptive

47. Which contraceptive helps in preventing carcinoma cervix ?
   (A) Barrier contraceptive
   (B) Intra cervical device
   (C) Intra uterine contraceptive device
   (D) Oral pill
48. Which one of the following intrauterine contraceptive devices has the lowest pregnancy rate?
   (A) Lippes’ loop       (B) Cu-7
   (C) Cu T-200           (D) Levonorgestrel IUD

49. Medical Termination of Pregnancy Act was passed by the Parliament of India in
   (A) 1950       (B) 1965
   (C) 1971       (D) 1981

50. The concept of social medicine was first introduced by
   (A) Neumann and Virchow       (B) Robert Grotjan
   (C) Rene Sand                  (D) John Ryle

51. Checking for sputum AfB comes under
   (A) primary prevention       (B) secondary prevention
   (C) tertiary prevention      (D) quarternary prevention

52. Significant P value is
   (A) > 0.05       (B) < 0.05
   (C) 1.0          (D) > 1.0

53. Specificity measures
   (A) true negative       (B) false positive
   (C) true positive       (D) None of the above

54. ORS contains how much potassium?
   (A) 20          (B) 30
   (C) 40          (D) 10

55. Assessment of obesity is by following measurement except
   (A) Broca Index            (B) Sullivan’s Index
   (C) Quetelet’s Index       (D) Corpulence Index

56. Standard deviation is a measure of
   (A) Chance                  (B) Central tendency
   (C) Deviation from mean value (D) None

57. Safe disposal of mercury is
   (A) collect carefully and recycle   (B) controlled combustion
   (C) treatment with chemical        (D) deep burial
58. Kalazar in India is caused by
   (A) P. papatasi  (B) P. serpenti
   (C) P. argentipes (D) Oncocercus

59. The carriers are not found in
   (A) Poliomyelitis  (B) Measles
   (C) Typhoid      (D) Cholera

60. Iodised salt was first started in which country?
   (A) India  (B) UK
   (C) Switzerland  (D) Germany

61. Epidemic caused by type A arbovirus in India is
   (A) Chickungunia (B) Dengue
   (C) KFD (D) Yellow fever

62. Night blood sample is required for
   (A) Malaria  (B) Filariasis
   (C) Pneumonia  (D) Bronchial asthma

63. Which of the following insecticides is not used as larvicides?
   (A) Abate  (B) Paris green
   (C) Fenthion  (D) Dichloros

64. The World Health Organization day is
   (A) 7th April  (B) 21st May
   (C) 2nd August  (D) 31st December

65. Reflex hallucination is a morbid variety of
   (A) Kinesthesia (B) Parasthesia
   (C) Hyperesthesia (D) Synanaesthesia

66. The thumb print sign is seen in
   (A) Candida  (B) Aspergillus
   (C) Thermomyces  (D) Epiglottis

67. Most common type of post partum psychosis is
   (A) Manic  (B) Depressive
   (C) Organic  (D) Hallucination
68. Water lilly sign is seen in
   (A) Hydatid diseases       (B) Klebsiella
   (C) Lung abscess         (D) Pulmonary embolism

69. Now depolarizing blockade is potentiated by
   (A) Hyperkalemic         (B) Hypomagnesaemia
   (C) Alkalosis           (D) Quinidine

70. Commonest cause of abdominal pain in children is
   (A) Porphyria          (B) Worm colic
   (C) Lead poisoning    (D) Appendicitis

71. Commonest cause of intestinal obstruction in children
   (A) Intussusception   (B) Volvulus
   (C) Hernia           (D) Adhesions

72. Congestive cardiac failure is seen in all except
   (A) PDA               (B) Coarctation of aorta
   (C) Tetralogy of fallot (D) TAPVC

73. The most common etiological agent for acute bronchiolitis in infancy is
   (A) Influenza virus   (B) Para influenza virus
   (C) Rhinovirus      (D) Respiratory syncytial virus

74. Which is incorrect about hemolytic uremic syndrome ?
   (A) Always fatal   (B) Burr cells are present
   (C) Acute renal failure (D) Viral prodrome

75. The normal concentration of protein in CSF at 4 weeks may be as high as
   (A) 500 mg%       (B) 125 mg%
   (C) 50 mg%       (D) 25 mg%

76. Not found in cerebral palsy.
   (A) Hypotonicity   (B) Microcephaly
   (C) Ataxia        (D) Flaccid paralysis

77. Persistent primary hyperplastic vitreous (PHPV) is associated with
   (A) Patau syndrome  (B) Edward syndrome
   (C) Trisomy 14     (D) Down’s syndrome
78. Diabetic retinopathy is characterized by
   (A) Hard exudates, dot haemorrhages and microaneurysm
   (B) Flame shaped haemorrhages, soft exudates
   (C) Deep haemorrhage only
   (D) Hypertension

79. Pituitary tumour causes
   (A) Binasal hemianopia (B) Homonymous hemianopia
   (C) Monocular blindness (D) Bitemporal hemianopia

80. The cause for the pseudoproptosis include
   (A) Buphthalmos (B) Retraction of the upper lid
   (C) High axial myopia (D) All of the above

81. Extraocular muscle palsy is seen in all except
   (A) Fischer syndrome (B) Eaton Lambert syndrome
   (C) Thyrotoxicosis (D) Myasthenia gravis

82. Miners nystagmus is of which type ?
   (A) Lateral (B) Vertical
   (C) Rotatory (D) Can be of any type

83. Frill’s excision is done in
   (A) Intraocular tumor (B) Endophthalmitis
   (C) Panophthalmitis (D) Foreign body in the eye

84. Sarcoidosis is associated with
   (A) Band keratopathy (B) Systemic amylodosis
   (C) Angioid streaks (D) Cataracta nigra

85. LASIK is for
   (A) Refractive errors (B) Lens extraction
   (C) Diabetic retinopathy (D) Cyclophotocoagulation

86. Arnold’s nerve is a branch of
   (A) Vagus (B) Glossopharyngeal
   (C) Auditory (D) Facial

87. Speech discrimination score is lowest in which of the following ?
   (A) Cochlear deafness (B) Normal hearing
   (C) Conductive deafness (D) Retro-cochlear sensori-neural deafness
88. Inner ear is present in which bone?
(A) Perietal bone  (B) Petrous part of temporal bone
(C) Occipital bone  (D) Petrous part of squamous bone

89. Cauliflower ear is
(A) Keloid  (B) Perchondritis in Boxers
(C) Squamous cell carcinoma  (D) Anaplastic cell carcinoma

90. Cahart’s notch is characteristically seen at
(A) 1000 Hz  (B) 2000 Hz
(C) 4000 Hz  (D) 6000 Hz

91. Therapeutic index of a drug is an indicator of
(A) Potency  (B) Safety
(C) Toxicity  (D) Efficacy

92. All are Pro Drugs except
(A) Sulindac  (B) Codeine
(C) Talampicillin  (D) Chlorpromazine

93. Nystagmus can be cured by
(A) Phenytonin  (B) Quinindine
(C) Chloroquine  (D) All

94. The shortest acting mydriatic is
(A) Atropine  (B) Homatropine
(C) Tropicamide  (D) Cyclopentolate

95. The classification of Alpha and Beta adrenergic receptors was given by
(A) Dale  (B) Ahlquist
(C) Sutton  (D) Lewis

96. The percentage of xylocaine used in spinal anaesthesia.
(A) 1%  (B) 2%
(C) 4%  (D) 5%

97. The most potent vasopressor is
(A) Angiotensin II  (B) Renin
(C) Aldosterone  (D) Cortisol
98. The drug of choice in intractable hiccoughs is
   (A) Metoclopramaide      (B) Haloperidol
   (C) Thiazidazine         (D) Chlorpromazine

99. The streptomycine was discovered by
   (A) Robert Koch          (B) Alexander Flemmings
   (C) S.A. Wasksman        (D) Louis Pasteur

100. Potassium conserving diuretic is
    (A) Ethacrinic acid      (B) Spirinolactone
     (C) Thiazide            (D) Frusemide

101. Which antitubercular drug metabolism is under genetic control ?
     (A) Rifampicin          (B) INH
      (C) Cyclosporine        (D) Kanamycin

102. The drug contraindicated in infectious mononeucleosis.
     (A) Ampicillin          (B) Doxycycline
     (C) Atropine            (D) Gentamycine

103. Minimal deteral dose of Dapsone in mice is
     (A) 0.30 mg/dl          (B) 0.003 mg/dl
      (C) 0.3 ng/dl          (D) 3 ng/dl

104. What is meant by “Suppositious child” ?
     (A) Child born out of wedlock.
     (B) Child fictitiously claimed by a woman.
     (C) Second born of a twin pregnancy.
     (D) Child is born after artificial insemination homologous.

105. Gastric Lavage is contraindicated in poisoning with
     (A) Kerosene             (B) Organophosphorus
      (C) Arsenic             (D) Morphine

106. Hydrocution is
     (A) electrocution in water (B) dry drowning
      (C) drowning in cold water (D) postmortem immersion
107. In which part of body a lesser impact causes maximum bruise?
   (A) Face  (B) Sole
   (C) Back  (D) Palm

108. Incisional wound on genital is seen commonly in
   (A) Accidents  (B) Suicides
   (C) Homicides  (D) Postmortem artifact

109. Disease which permanently alters the finger prints is
   (A) Leprosy  (B) Tuberculosis
   (C) Diabetes  (D) Dermatitis

110. All of the following may cause Traumatic Asphyxia, except
   (A) Railway accident  (B) Road traffic accident
    (C) Accidental strangulation  (D) Stampede in crowd

111. Increase in temperature on postmortem is seen in all of the following except
   (A) Frost bite  (B) Sunstroke
    (C) Tetanus  (D) Sepsis

112. Smell of bitter almond’s is seen in
    (A) Cyanide poisoning  (B) Arsenic poisoning
    (C) Kerosene poisoning  (D) Phosphorus poisoning

113. Which of the following snake is myotoxic?
    (A) Sea snake  (B) Krait
    (C) Python  (D) Mamba

114. Fatal dose of methanol is
    (A) 15 ml  (B) 30 – 60 ml
    (C) 60 – 200 ml  (D) 200 – 300 ml

115. Hair examination is not useful in
    (A) Lead poisoning
    (B) Identification
    (C) To differentiate between human and animal
    (D) All of the above
116. Pikes medium is used for transport of
   (A) Staphylococci (B) Streptococci
   (C) Shigella (D) Vibrio

117. The virus with smallest genome is
   (A) Reovirus (B) Parovirus
   (C) Picoma virus (D) HIV

118. The ratio of anaerobe to aerobes in shell is
   (A) 10 : 1 (B) 100 : 1
   (C) 1000 : 1 (D) 10000 : 1

119. The most probable portal of entry of an aspergillus is
   (A) Puncture wound (B) Blood
   (C) Lungs (D) Gastrointestinal tract

120. Fulminant Amoeba meningoencephalitis is caused by
   (A) Acanthamoeba (B) N. Fowleri
   (C) E. Histolytic (D) E.coli

121. The average blood loss in ankylostomiasis per person is
   (A) 0.2 ml/day (B) 2 ml/day
   (C) 0.33 ml/day (D) 1 ml/day

122. Chlamydiae are
   (A) Virus (B) Fungi
   (C) Protozoa (D) Bacteria

123. Frozen section was discovered by
   (A) Fuegel (B) Louis Pasteur
   (C) Edward Jenner (D) None

124. Abbey-Estlander flap is used in the reconstructor of
   (A) Buccal mucosa (B) Lip
   (C) Tongue (D) Palate

125. Japanese encephalitis is transmitted by
   (A) Culex Vishnw (B) Aedes
   (C) Anopheles (D) None of the above
126. Mallory hyaline is seen in all except
   (A) Alcoholic cirrhosis  (B) Wilson’s
   (C) Primary biliary cirrhosis  (D) Hepatitis

127. Mercury affects which part of the kidney ?
   (A) PCT  (B) DCT
   (C) Collecting duct  (D) Loop of Henle

128. Ocular basement membrane is stained by
   (A) Alcian blue  (B) PAS
   (C) Methylene blue  (D) Geimsa stain

129. Which of the following disorders is utosomal recessive ?
   (A) Homocystinuria  (B) G6PD deficiency
   (C) Myotonic dystrophy  (D) Otospongiosis

130. Director womb’s test detects
   (A) antigen in serum  (B) antibodies in RBC surface
   (C) antigen in RBC surface  (D) antibodies in serum

131. Which of the breast carcinoma is multi-centric and bilateral ?
   (A) Ductal  (B) Lobar
   (C) Mucoid  (D) Colloid

132. Which of the following organelles play a pivotal role in apoptosis ?
   (A) Mitochondria  (B) Fungal infections
   (C) Endoplasmic reticulum  (D) Golgi apparatus

133. The commonest histological finding in benign hypertension is
   (A) Proliferating endosteitis  (B) Necrotizing arteriolitis
   (C) Hyaline arteriosclerosis  (D) Cystic medial necrosis

134. Which of the following marker is specific for gastrointestinal stromal tumors (GIST) ?
   (A) CD 117  (B) CD 23
   (C) CD 34  (D) S-100

135. Which of the following is marker of choice in MI with hypothyrodism ?
   (A) Aldolase  (B) LDH
   (C) CPK-MB  (D) Troponin-I
136. IL-I causes
   (A) Increased Leukocyte adherence     (B) Fibroblast proliferation
   (C) Increased collagen synthesis      (D) All of the above

137. Free water clearance decreased by
   (A) Vincustine                        (B) Vinblastin
   (C) Chlorpropamide                    (D) Furosemide

138. Cholesterol detection can be done with following except
   (A) Lieberman-burchard reaction       (B) Zimmerman reaction
   (C) Winslow test                      (D) Salkwski reaction

139. The immediate precursor of mevalonic acid is
   (A) Mevalonyl COA                     (B) Mevalonyl pyrophosphate
   (C) Acetoacetyl COA                   (D) 3-hydroxy-3-methylglutaryl COA

140. Mousy odour urine is seen in
   (A) Phenylketonuria                   (B) Maple syrup urine disease
   (C) Isovalericaciduria                (D) None of the above

141. FIGLU is an intermediate in
   (A) Valine                           (B) Histidine
   (C) Methionine                       (D) Arginine

142. Number of t-RNA present in cells is
   (A) 23                                (B) 25
   (C) 28                                (D) 30

143. Shortest peptide is
   (A) Encephalin                       (B) Vasopressin
   (C) Angiotensin III                  (D) Glucagon

144. Of prime importance in the structure of flavoproteins is
   (A) Vit. B₆                          (B) Vit. B₂
   (C) Vit. B₁                          (D) Vit. A
145. NO is synthesized by
   (A) Uracil       (B) Asparate
   (C) Guanosine    (D) Arginine

146. Which Vitamin is required for carboxylation of clotting factors?
   (A) Vitamin A    (B) Vitamin D
   (C) Vitamin E    (D) Vitamin K

147. Somatomedin mediates
   (A) Deposition of chondrotin sulfate
   (B) Lipolysis
   (C) Gluconeogenesis
   (D) Decreased rate of Glucose uptake by cells

148. Calcium binding protein is
   (A) Troponin-C   (B) Calsecritin
   (C) Calsequestrin (D) All

149. Plasma $K^+$ constitute what percentage of total body potassium?
   (A) 0.4%         (B) 7.6%
   (C) 10.4%        (D) 89.6%

150. First relay station of pain is
   (A) Spinal Cord  (B) Medulla
   (C) Pons         (D) Thalamus

151. All these are seen in a spinal reflex except
   (A) Summation    (B) Fatigue
   (C) Memory       (D) Adaptation

152. Phantom limb phenomenon is explained by
   (A) Law of projection (B) Webers law
   (C) Fechner's law of degeneration (D) Pascals law

153. The percentage of total body iodine in the thyroid gland is
   (A) 50%          (B) 70%
   (C) 90%          (D) 96%
154. Following are local hormones except
   (A) Insulin   (B) Heparin
   (C) Bradykinin (D) Acetyl choline

155. Function of Basement membrane is
   (A) Excitation   (B) Contraction
   (C) Filtration   (D) Transport of ions

156. C-peptide occurs in
   (A) Proinsulin (B) Glucagon
   (C) Parathormone (D) Thyroxine

157. The duration of atrial systole is
   (A) 0.80 second (B) 0.57 second
   (C) 0.11 second (D) 0.44 second

158. The key regulators of sleep are located in
   (A) Hypothalamus (B) Thalamus
   (C) Putamen (D) Limbic Cortex

159. Fascia of Gerota is
   (A) True capsule (B) Renal fascia
   (C) Fatty capsule (D) Thoracolumbar fascia

160. Afferents of cremasteic reflex are present in
   (A) Ilioinguinal nerve (B) Genitofemoral nerve
   (C) Iliohypogastric nerve (D) Pudendal nerve

161. All of the following are the components of the white pulp of spleen except
   (A) Periarteriolar lymphoid sheath
   (B) B cells
   (C) Antigen presenting cells
   (D) Vascular sinus

162. The pterion corresponds to the following except
   (A) Anterior pole of insula (B) Middle meningeal artery
   (C) Transverse sinus (D) Lateral cerebral sulcus
163. Toynbee’s muscle is
   (A) Stapedius  (B) Tensor tympani
   (C) Scalenus minimus  (D) Levator ani

164. Opening of jaw is done by
   (A) Masseter  (B) Temporalis
   (C) Medial pterygoid  (D) Lateral pterygoid

165. Blood brain barrier is formed by
   (A) Microglia  (B) Oligodendrocytes
   (C) Astrocytes  (D) Type II Pneumotocytes

166. Boundary of triangle of auscultation is not formed by
   (A) Serratus anterior  (B) Scapula
   (C) Trapezius  (D) Latismus dorsi

167. Which of the following is not present at birth ?
   (A) Mastoid tip  (B) Mastoid antrum
   (C) Ethmoidal labyrinth  (D) Endolymphatic sinus

168. Gut Associated Lymphoid Tissue (GALT) is primarily located in
   (A) Lamina propsia  (B) Submucosa
   (C) Muscularis  (D) Serosa

169. Loop of Henle handles the following ions except
   (A) Na$^+$  (B) Cl$^-$
   (C) K$^+$  (D) Urea

170. Voice induced impairment of cranial at
   (A) 1000 Hz  (B) 2000 Hz
   (C) 3000 Hz  (D) 4000 Hz

171. Sphenoidal sinusitis pain is referred most commonly to
   (A) Occipat  (B) Vertex
   (C) Frontal  (D) Temporal region

172. Trotter’s triad includes all of the following except
   (A) Mandibular neuralgia  (B) Deafness
   (C) Palatal Palsy  (D) Seizures
173. High frequency audiometry is used in
   (A) Otosclerosis  (B) Ototoxicity
   (C) Non-organic hearing loss (D) Meniere’s disease

174. Drug of choice for impetigo Herpetiformis is
   (A) Prednisone  (B) Dapsone
   (C) Acitretin  (D) Methotrexate

175. Most sensitive indicator of depletion of intravascular volume in infant is
   (A) Cardiac output  (B) Stroke volume
   (C) Heart rate (D) Blood pressure

176. The treatment of childhood hypothyroidism is with
   (A) $T_4$  (B) $T_3$
   (C) TSH (D) Levothyroxine

177. Scaring alopecia is seen in
   (A) T.Capitis  (B) Androgenic alopecia
   (C) Alopecia areata (D) Lichen planus

178. The blood sugar in neonate shortly after birth reaches the lowest level of 30 mg/dl at the age of
   (A) 1 hour  (B) 3 hours
   (C) 6 hours (D) 8 hours

179. The best treatment for enuresis in children
   (A) Oxybutinin  (B) Desmopressin
   (C) Bed alarm (D) Imipramine

180. Patch Test is done to document
   (A) Type I Hypersensitivity  (B) Delayed type Hypersensitivity
   (C) Autoimmune disease (D) Immunocomplex deposition

181. Which of the following drug can be used in management of Bronchial asthma ?
   (A) Phenetoin Sodium  (B) Magnesium Sulphate
   (C) Chloroquine (D) None of the above
182. In a patient is fever, nausea, mild pain in right hypochondrium, most probably diagnosis is
   (A) Viral hepatitis  (B) Acute cholecystitis
   (C) Gastritis  (D) Pleurisy

183. All of the following cause post sinusoidal obstruction except
   (A) Post necrotic cirrhosis  (B) Wilson’s disease
   (C) Infiltrations  (D) Schistosomiasis

184. Condition with low serum ascites-albumin gradient is
   (A) Cirrhosis of liver  (B) Tubercular peritonitis
   (C) Constrictive pericarditis  (D) Vanoc-occlusive disease

185. Air in biliary tract is seen in all, except
   (A) Gall stone ileus  (B) Sclerosing cholangitis
   (C) Carcinoma gall bladder  (D) Endoscopic papillotomy

186. All of the following drugs are commonly used in regimens against H. pylori except
   (A) Oxytetracycline  (B) Amoxicillin
   (C) Bismuth subcitrate  (D) Omeprazole

187. All are complications of ulcerative colitis except
   (A) Haemorrhage  (B) Stricture
   (C) Malignant change  (D) Oesophageal varices

188. Hematuria RBC casts and proteinuria are suggestive of
   (A) Nephrotic syndrome  (B) Renal cell carcinoma
   (C) Acute nephritis  (D) Chronic renal failure

189. Recurrent hematuria in a deaf mute is seen in
   (A) Fanconis anemia  (B) Alport’s syndrome
   (C) Renal cytes  (D) Nephritic syndrome

190. Necrotizing papilitis is seen in all of the following except
   (A) Salicylate poisoning  (B) Renal vascular thrombosis
   (C) PNH  (D) Diabetes mellitus

191. Which of the following is the drug of first choice for Non-Gonococcal Urtthritis ?
   (A) Ceftriaxone  (B) Ciprofloxacin
   (C) Doxycycline  (D) Minocycline
192. Motor neuron disease, TRUE is
   (A) Sensory involvement
   (B) Ocular motility is impaired
   (C) Involvement of anterior and lateral columns of spinal cord
   (D) Intellectual improvement

193. Facial nerve palsy at stylomastoid canal can cause
   (A) Hyperacusis
   (B) Loss of corneal reflex at side of lesion
   (C) Loss of lacrimation at side of lesion.
   (D) Loss of taste sensation on anterior 2/3 of ipsilateral tongue

194. Long term complications of phenytoin intake include all except
   (A) Ataxia
   (B) Gum hypertrophy
   (C) Megaloblastic anemia due to $B_{12}$
   (D) Osteomalacia

195. Commonest site of hypertensive bleed is in the
   (A) Putamen
   (B) Thalamus
   (C) Frontal lobe
   (D) Pons

196. Hemoglobin with zeta 2 and gamma 2 chains are seen in which of the following?
   (A) Gower I
   (B) Gower II
   (C) Poland Hb
   (D) Fetal Gb

197. Commonest presentation of sickle cell anemia is
   (A) Priapism
   (B) Bone pain
   (C) Fever
   (D) Splenomegaly

198. Which one of the following is NOT consistent with the diagnosis of aplastic anemia?
   (A) Hematopoietic cells occupying < 25% of marrow space
   (B) Hematopoietic cells morphology should be normal
   (C) Normocytic normochromic anemia
   (D) Splenomegaly

199. Best Rx for CML is
   (A) Autologous BMT
   (B) Allogenic BMT
   (C) Alpha interferon
   (D) Hydroxyurea

200. L-asparaginase is particularly used in which type of leukemia?
   (A) AML
   (B) CML
   (C) ALL
   (D) CLL