196 out of 200 recalled! **Red bold mark** are confirmed answer & **black bold** are most likely one!

1. Juvenile Rheumatoid Arthritis is associated with poor prognosis if
   A) Fever > 3 months
   B) Inflammatory mediators > 3 months
   C) Rheumatoid factor absent
   D) Oligoarticular

2. Hemoglobinopathies associated with pregnancy
   A) Thalassemia
   B) Sickle cell anemia
   C) Hb C
   D) Hb H

3. Not included in rotator cuff
   A) Supraspinatus
   B) Infraspinatus
   C) Teres Major
   D) Teres Minor

4. Conversion of pyruvate to acetyl co A is associated with how much ATP production
   A) 0
   B) 2
   C) 3
   D) 4

5. While massaging oil to a neonate an abdominal mass was felt, most likely the cause is
   A) Neuroblastoma
   B) Multicystic dysplastic kidney
   C) Wilm’s tumor
   D) Polycystic disease of kidney

6. Loss of tear secretion due to lesion at
   A) Ciliary ganglion
   B) Sphenopalatine ganglion
   C) Submandibular ganglion
   D) Fljst

7. Little’s area of nose, major contributing artery
   A) Sphenopalatine artery
   B) Anterior ethmoidal artery
   C) Posterior ethmoidal artery
8. A child with large VSD manifest in
   A) 2 days
   B) 2 weeks
   C) 2 months
   D) 6 months
9. Profunda femoris artery related to
   A) Inguinal ligament
   B) Apex of femoral canal
   C) Between pectineus & adductor canal
   D) Between pectineus & psoas major
10. Afferent nerve of proprioception —
    A) $A_\alpha$
    B) $A_\beta$
    C) $A_\gamma$
    D) $A_\delta$
11. Vibration is sensed by
    A) Pacinian corpuscles
    B) Merkel disc
12. Distortion of message means
    A) Twisting of message
    B) Loss of clarity
13. Ligament of Cooper is modification of
    A) Fibrous tissue of breast
    B) Pectoral fascia
14. Purkinje cell of cerebellum synapse with
    A) Granule cell
    B) Dentate nucleus
    C) Red nucleus
15. Ankle jerk root value
    A) L3L4
    B) L4L5
    C) S1S2
    D) L2L3
16. Isograft is
    A) Between monozygotic twins
    B) With different species
17. Umbilical cord has
    A) 2 arteries + 1 vein
    B) 1 artery + 2 veins
    C) 1 artery + 1 vein
    D) 2 arteries + 2 veins
18. Virchow node is
   A) Right supraclavicular lymph node
   **B) Left supraclavicular lymph node**
   C) Infraclavicular lymph node
19. Hyoid bone is derived of which brachial arch
   A) 2nd
   **B) 2nd & 3rd**
   C) 3rd
   D) 4th
20. Haemophilus influenza biotype aegyptus is also known as
   A) Koch’s bacillus
   **B) Koch-weeks bacillus**
   C) Loffler’s bacillus
   D) Hansen’s bacillus
21. Most infective stage of syphilis
   A) Primary stage
   **B) Secondary stage**
   C) Tertiary stage
   D) Congenital syphilis
22. True regarding syphilis
   A) Neurosyphilis seen in tertiary stage
   B) Spirochete is gram positive
23. Increased Ig A in
   A) Autoimmune hepatitis
   B) Alcoholic hepatitis
   **C) Biliary cirrhosis**
   D) Gilbert hyperbilirubinemia
24. Maximum organism can be grown on
   A) Blood agar
   B) Chocolate agar
   C) Muller Hilton agar
   **D) Nutrient broth**
25. Mesophilic organism best grown at pH
   A) 6.5
   **B) 7.3**
   C) 7.5
   D) 8.5
26. Typhus is caused by
   A) Rickettsia
27. Hemoptysis is associated with
   A) P. westermani
28. Otomykosis is caused by  
   A) Aspergillus niger & Candida albicans  
   B) Aspergillus niger & Histoplasma  
29. Moniliasis is caused by  
   A) Candida albicans  
30. Most common etiology of inverted papilloma  
   A) Smoking  
   B) Alcohol  
   C) EBV  
   D) HPV  
31. TRUE about CMV  
   A) CMV retinitis is most commonly seen in HIV patient  
   B) Is RNA virus  
32. Infection through intact cornea seen in  
   A) Nesseria gonorrhoe  
33. Best response regarding suchynylcholine  
   A) Caused toxicity in muscular dystrophy due to heperkalemia in Duchene muscular dystrophy  
   B) Can be safely used in liver disease  
34. Creative ideation is  
   A) Brain storming  
35. Tract of goll & tract of Burdach ascends to form  
   A) Medial lemniscus  
   B) Lateral lemniscus  
36. “Learned helplessness” typically seen in  
   A) Depression  
   B) Obsessive compulsive disorder  
   C) Schizophrenia  
   D) Mania  
37. HSG done on  
   A) 5th day of menstruation  
   B) 10th day of menstruation  
38. Least affected by extreme values  
   A) Mean deviation  
   B) Standard deviation  
   C) Range  
   D) Quartile deviation  
39. A skull found in which basi-occiput & basi-sphenoid not fused. Most likely the age is
A) 10-12 yrs

B) 12-14 yrs

40. Passing through inguinal canal & inserting in labia majora
   A) Round ligament

41. 55 yr old male cancer in lower third of rectum. Management
   A) APR
   B) Left hemicolecctiony
   C) Right hemicolecctiony

42. Quartile deviation is
   A) 2/3
   B) 4/5
   C) 3/2

43. Gaussian curve
   A) Mean=median=mode

44. Fall from height 65 yr f, presents with short limb, external rotation. Most likely
   A) # NOF

45. Painful & sudden loss of vision within seconds
   A) CRAO

B) GLAUCOMA

46. Finger drop but can extend wrist, nerve injured
   A) Radial nerve
   B) Posterior interosseus nerve
   C) Median nerve
   D) Ulnar nerve

47. Compared to other NSAIDs with selective COX2 inhibitors there is increased risk of
   A) Hepatotoxicity
   B) Nephrotoxicity
   C) Thromboembolism

48. Ebstein’s anomaly is
   A) Downward displacement of tricuspid valve into right ventricle

49. Variance if all observations are same
   A) 0
   B) 1
   C) Infinity

50. Pathognomic of psoriasis in nail
   A) Pitting
   B) Oil drop sign
   C) Onycholysis
   D) Subungal hyperkeratosis

51. Hemorrhagic cystitis is caused by
   A) Cyclophosphamide
52. Painless hematuria. Most likely
   A) Ca bladder
   B) Renal stone

53. Less blood in menstruation
   A) Tubercular endometritis
   B) Fibroid uterus

54. Treatment of H. mole
   A) Dilation & curettage
   B) Suction evacuation

55. Treatment of Lupus nephritis
   A) Prednisolone + cyclophosphamide
   B) Prednisolone+cyclophosphamide
   C) Steroid+ azathioprine
   D) Steroid+ mycophenolate

56. HbsAg negative. Treatment started if-
   A) HBV DNA >2000
   B) HBV DNA>1000
   C) HBV DNA<2000

57. Cell wall synthesis inhibitor
   A) Vancomycin

58. Thype III hypersensitivity reaction by
   A) Immune complex mediated

59. Female with tongue abraded, koilonychias, esophageal web, most likely
   A) PVS

60. 2nd molar tooth erupts in
   A) 10-12 yr
   B) 12-14 yr

61. Extrapyramidal symptoms is side effect of which drug
   A) Metoclopramide
   B) Domperidone
   C) Cisapride
   D) Mosapride

62. Hypoxia leads to
   A) Pulmonary vasoconstriction

63. Not used in Juvenile Myoclonic Epilepsy
   A) Carbamazepine
   B) Valproate
   C) Topiramate
   D) Zano

64. Metabolic product from tumor cells
   A) VMA
B) CA 125  
C) PSA  
65. All true in RAS except  
A) Decreased blood flow in Doppler  
B) Hyperkalemia  
C) Systodiastolic bruit heard in abdomen  
D) Usg  
66. Not classic non Hodgkin’s lymphoma  
A) Lymphocyte predominance  
B) Lymphocyte rich  
C) Mixed cellularity  
D) Nodular sclerosis  
67. Sodium bicarbonate is used in metabolic acidosis. True statement  
A) Increased in blood pH is associated with increase in CSF pH  
68. Sewage treatment biologically is  
A) Primary sewage treatment  
B) Secondary sewage treatment  
69. Visually appreciable cellular change  
A) Atypia  
B) Aplasia  
C) Hyperplasia  
D) Metaplasia  
70. Ann Arbor classification is for  
A) Lymphoma  
71. Not major criteria of Multiple Myeloma  
A) Lytic bone lesion  
72. 70 yr male, bullous lesion, burst, most likely  
A) Pemphigus vulgaris  
B) Bullous pemphigoid  
73. Radiolucent stone  
A) Uric acid stone  
74. Tympanic plexus is present on  
A) Promontory  
B) Pyramid  
75. Superficial perineal fascia  
A) Colle’s facia  
B) Scarpa’s fascia  
C) Camper’s fascia  
D) Gallaudet fascia  
76. Principle of vaginal ring  
A) Located in posterior fornix support uterosacral ligament
77. Gene related to fibrous dysplasia
   A) FD1 GENE
   B) GNAS1 GENE

78. True about fibrocystic disease of breast
   A) It is the most common benign disease of breast
   B) Is also known as fibroadenoma

79. Decreased milk production in cattle is seen due to deficiency of
   A) Iron
   B) Iodine
   C) Chlorine
   D) Zinc

80. A female with angular stomatitis, dermatitis, & recurrent bacterial infections, most likely suffering from deficiency of
   A) Zinc
   B) Iron
   C) Chromium
   D) manganese

81. Most common thyroid cancer is
   A) Papillary carcinoma
   B) Follicular carcinoma

82. Medullary cancer of thyroid originated from
   A) Parafollicular cell

83. Liver zone around artery
   A) Zone 1
   B) Zone 2
   C) Zone 3
   D) Zone 4

84. Roth’s spot seen in
   A) SABE

85. In Barett’s oesophagus, squamous epithelial lining of esophagus changes to
   A) Columnar epithelium

86. Operation for congenital hypertrophic pyloric stenosis is
   A) Ramstedt’s operation

87. Pt with hyphochloremia, hypokalemia, acidosis. Most likely cause is
   A) Gastric outlet obstruction

88. Most common site of perforation
   A) Duodenum 1st part
   B) Duodenum 2nd part
   C) Pyloric antrum

89. Hypoadrenal shock treatment
   A) Hydrocortisone
B) Dexamethasone 
C) Fludrocortisone 
D) prednisolone 

90. Zn-containing β-lactamase is 
   A) ESBL 
   B) Oxacillinase 
   C) MBL 

91. Metallo-β-lactamase responsible for resistance in 
   A) Carbapenem 
   B) Acylureidopenicillin 
   C) Quinolone 
   D) Fjsdljif 

92. Green house effect not by-
   A) Co2 
   B) CO 
   C) Methane 

93. True about sympathetic nervous system 
   A) Essential for life 
   B) Causes relaxation of smooth muscle 
   C) Increases peristalsis 
   D) Causes dilation of pupil 

94. Atropine is contraindicated in 
   A) Glaucoma 

95. Hormonal regulation among insulin, glucagon & somatostatin is by-
   A) Paracrine 
   B) Autocrine 
   C) Endocrine 

96. Tracheal secretions is decreased by-
   A) Salbutamol 
   B) Ipratropium bromide 
   C) Mast cell stabilizer 

97. Steeple sign on x-ray is seen in-
   A) Acute epiglottitis 
   B) Acute laryngotracheobronchitis 

98. Features of Down’s syndrome given, most likely to develop by 20 yrs of age 
   A) Myocardial infarction 
   B) Acute leukemia 

99. Plasma osmolarity is primarily maintained by-
   A) Aldosterone 
   B) Vasopressin 

100. DVT in postpartum female seen after how many days
A) 2
B) 4
C) 5
D) 7-8

101. Contraindication of combined oral contraceptives is
A) Nulliparity
B) Multiparity
C) Migraine

102. Halothane causes jaundice after-
A) Immediately
B) 7 days
C) 14 days
D) 28 days

103. 10 hrs of fasting, blood glucose is maintained by-
A) Liver glycogenolysis
B) Muscle glycogenolysis
C) Gluconeogenesis

104. Knee dislocation most commonly affected structure
A) Popliteal artery
B) Common peroneal nerve

105. Scaphoid # true statement-
A) Diagnostic x-ray must be done
B) Cast should be applied for 3 wks

106. Avascular necrosis is not seen in-
A) # NOF
B) # scaphoid
C) # talus
D) Trochanteric #

107. All are obstructive lung diseases except-
A) Asthma
B) COPD
C) Cystic fibrosis
D) Interstitial lung disease

108. Pulsus paradoxus is seen in
A) Constrictive pericarditis

109. All true in sarcoidosis except-
A) Hypercalcemia
B) Erythema nodosum in 20%-30%
C) Crescentic glomerulonephritis
D) Non-caseating granuloma

110. Digoxin toxicity is aggravated by
A) Hypokalemia
B) Hyperkalemia
C) Hypocalcemia
D) Hypomagnesaemia

111. Smooth muscle contraction mediated by-
A) Calcium-calmodulin pathway
B) Camp
C) cGMP
D) calcium binds to troponin c

112. Increase of following causes hyperthyroidism except
A) t3
B) t4
C) TSH
D) Thyroglobulin

113. Hypertension bp 210/90, glucose 11 mmol, potassium 2, most likely cause
A) Cushing’s syndrome

114. Hyperkalemia both in intracellular fluid & intracellular fluid. Cause-
A) Adrenal insufficiency

115. Diabetic nephropathy. True all except-
A) Angiotensin receptor blocker like losartan is used for treatment
B) Congo red postitive
C) microalbuminuria
D) decreased kidney size

116. Delay in growth. Bone age is less than chronological age. Most likely-
A) Constitutional dwarfism

117. Most common cause of low birth weight in Nepal-
A) IUGR
B) PREMATURITY
C) TEENAGE PREGNANCY

118. Most common complication leading to death in HIV-
A) Pulmonary TB
B) Pneumocystis carini infection
C) Cryptococcal meningitis
D) Sdfkjl

119. Pulmonary embolism true statement is-
A) Acute right ventricular dilation

120. Lymph is
A) Interstitial fluid

121. Most common cause of renal stone in children-
A) Recurrent uti
B) Metabolic disorder
122. Left gastric artery arises from-
   A) Coeliac trunk

123. Renal failure patient on dialysis-
   A) Primary hyperparathyroidism
   B) Secondary hyperparathyroidism
   C) Tertiary hyperparathyroidism

124. Small cell carcinoma of lung. True statement-
   A) Associated with ectopic hormones production
   B) Not associated with smoking
   C) Is not central

125. Parietal cell produces-
   A) HCL + intrinsic factor

126. Skill development by-
   A) Demonstration
   B) Role play

127. Behavior change-
   A) Internalization
   B) Identification
   C) Enforcement

128. Best method of learning-
   A) Group discussion

129. Highest ph-
   A) Gastric acid
   B) Pancreatic juice
   C) Bile acid

130. Swelling that moves with deglutination & tongue protrusion-
   A) Thyroglossal cyst

131. Not a complication of dialysis-
   A) Peritonitis
   B) Thrombocytopenia
   C) Lecopenia
   D) Uremic lung

132. Mallory weis tear occurs at which site-
   A) Gastroesophageal junction

133. Whipple operation is done for-
   A) Periampullary carcinoma
   B) Oesophageal carcinoma

134. Polyhydramnios is seen in-
   A) Placental insufficiency
   B) Dudodenal atresia
   C) Renal agenesis
135. Hernia repair in child-
   A) Herniotomy

136. Extracellular enzyme-
   A) Lipoprotein lipase

137. Ulcer crater on barium study seen in
   A) Ca stomach
   B) Duodenal ulcer
   C) Diverticulum

138. Facial nerve is involved in which tumour-
   A) Parotid gland
   B) Thyroid gland

139. First to appear in peripheral blood-
   A) Myeloblast
   B) Myelocyte
   C) Promyelocyte
   D) Band cell

140. Selective estrogen modulator-
   A) Raloxifene

141. Denominator of maternal mortality rate is-
   A) Live birth

142. Wearout of teeth by external material by-
   A) Attrition
   B) Abrasion

143. Op poisoning antidote is-
   A) Aspirin
   B) Pralidoxime

144. Disorientation is seen in-
   A) Anxiety
   B) Organic psychosis

145. Schizophrenia is characterized by-
   A) Delusion

146. Most common primary malignant CNS tumor is-
   A) Glioma
   B) Meningioma
   C) Cranipharyngioma

147. ADH acts on which part-
   A) Collecting duct

148. First change in iron therapy-
   A) Reticulocytosis
   B) Increased ferritin
   C) Increased hemoglobin
149. Nerve supply of cremastric muscle-
   A) Genital branch of genitofemoral nerve
   B) Femoral branch of genitofemoral nerve
   C) Ilioinguinal nerve

150. Dissociative anaesthesia-
   A) Ketamine

151. IUGR is diagnosed by-
   A) Serial monitoring of BPD, HC
   B) Doppler USG

152. Lagankhel ko buspark ma dead person-
   A) Police inquest
   B) Magistrate inquest

153. Fr of foley’s catheter signifies-
   A) Total length
   B) External circumference
   C) Internal circumference
   D) Internal diameter

154. Type 2 error is
   A) α error
   B) β error

155. Hypertension + Bradycardia seen in-
   A) Intracranial hypertension @ Cushing’s triad

156. Related to glucose metabolism-
   A) α1
   B) α2
   C) β1
   D) β2

157. Bronchiolitis in infant is due to-
   A) Respiratory syncytial virus

158. Infection by same organism after elimination of the organism is-
   A) Re-infection
   B) Relapse

159. Herniation of part of brain through foramen magnum. Most likely-
   A) IIIrd nerve palsy
   B) Respiratory arrest

160. Cannot be measured by spirometry-
   A) Inspiratory reserve volume
   B) Vital capacity
   C) Tidal volume
   D) Total lung capacity

161. Inferior epigastric artery is involved in-
A) **Epigastric hernia**  
B) Lumbar hernia  
C) Meningomyelocele  
D) Umbilical hernia

162. Features of Increased ICT in child-  
A) Papilloedema  
B) **Crackpot sign in < 4 yr**

163. Which can cause testicular tumor-  
A) Cryptorchidism  
B) Trauma

164. Valsalva maneuver true statement  
A) **Decrease in blood pressure**  
B) Increase in heart rate  
C) Right side decreased systolic pressure  
D) Left side increased systolic pressure

165. Crowning means  
A) In the inlet  
B) In the perineum  
C) **In the perineum without recession**  
D) At the level of ischial spine

166. Lateral view of chest x-ray done to see-  
A) **Interlobar fissure**  
B) Mediastinum  
C) Trachea  
D) Dsfs

167. Dermoid cyst is mostly associated with  
A) Infection  
B) Hemorrhage  
C) **Twisting around pedicle**

168. Peripheral conversion of t4 to t3 is inhibited by-  
A) **Propylthiouracil**  
B) Carbemazole  
C) Methimazole  
D) Lugol’s iodine

169. Neural tube formation induced by-  
A) **Notochord**

170. Blood pressure regulated by-  
A) **Arterioles**

171. Not involved in stretch reflex-  
A) αmotor neuron  
B) γmotor neuron
172. most common medical disorder in pregnancy-
   A) **gestational diabetes mellitus**
   B) heart dz in preg

173. Lichen planus is characterized histologically by-
   A) **Hyperkeratosis**
   B) Keratin pearl
   C) microabscess

174. Urea disproportionately higher than creatinine in-
   A) Gi bleed
   B) Crush injury
   C) Hepatorenal syndrome

175. Vertical transmission of HIV is maximum in-
   A) Intrapartum
   B) **Peripartum**
   C) Breast feeding

176. False positive is-
   A) Undiseased patient detected as positive due to weak test

177. Mitochondrial disorder-
   A) **Laber hereditary optic neuropathy**
   B) Freidrich ataxia

178. Not seen in father to son-
   A) X-linked disease
   B) Autosomal dominant
   C) Autosomal recessive

179. Passive immunity-
   A) **Immunoglobulin**

180. Coin toss 3 times which variable?
   A) **Discrete variable**

181. Normal level of HbA1c is
   A) 0-3%
   B) 3-6%
   C) 6-9%

182. Carpel tunnel syndrome is due to compression of-
   A) **Median nerve**

183. Pica is
   A) **Non-edible non-food items**

184. Not degraded by aamylase-
   A) **Cellulose**
   B) Dextrin
   C) Starch
185. Best modality of filarial control-
   A) Mosquito control
186. Ovulation coincides with
   A) LH surge
   B) Estrogen surge
   C) Progesterone surge
187. Total intake of iron during pregnancy-
   A) 10 mg
   B) 100 mg
   C) 1000mg
   D) 1500mg
188. One question regarding epidemiological study. Most likely it is case control study.
189. Diarrhea, dermatitis & dementia seen in-
   A) Zinc deficiency
190. Not seen in intestinal obstruction-
   A) Pain
   B) Distension
   C) Vomiting
   D) Fever
191. Wavelength of uv rays used for sterilization-
   A) 250-260
   B) 290-300
192. Newborn at birth has which eye defect-
   A) Hypermetropia
   B) Myopia
193. Odds ratio >1 when-
   A) Exposure & outcome are positively associated
   B) Exposure & outcome are negatively associated
   C) Exposure & outcome are not associated
   D) Exposure is protective factor for specific outcome
194. Disulfiram reaction is due to inhibition of-
   A) Alcohol dehydrogenase
   B) Aldehyde dehydrogenase
195. Treatment of morphine dependent-
   A) Methadone
   B) Naloxone
   C) Naltrexone
196. Fatty acid release from adipose tissue by all except-
   A) Growth hormone
   B) Epinephrine
   C) T3
D) Insulin