

INSTITUTE OF MEDICINE

MD/MS 20149(2070/71)

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

- Juvenile Rheumatoid Arthritis is associated with poor prognosis if
 - Fever > 3 months**
 - Inflammatory mediators > 3 months
 - Rheumatoid factor absent
 - Oligoarticular
- Hemoglobinopathies associated with pregnancy
 - Thalassemia
 - Sickle cell anemia
 - Hb C**
 - Hb H
- Not included in rotator cuff
 - Supraspinatus
 - Infraspinatus
 - Teres Major**
 - Teres Minor
- Conversion of pyruvate to acetyl co A is associated with how much ATP production
 - 0
 - 2
 - 3**
 - 4
- While massaging oil to a neonate an abdominal mass was felt, most likely the cause is
 - Neuroblastoma
 - Multicystic dysplastic kidney**
 - Wilm's tumor
 - Polycystic disease of kidney
- Loss of tear secretion due to lesion at
 - Ciliary ganglion
 - Sphenopalatine ganglion**
 - Submandibular ganglion
 - Fljst
- Little's area of nose, major contributing artery
 - Sphenopalatine artery**
 - Anterior ethmoidal artery
 - 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 α**
 - B) A β
 - C) A γ
 - D) A δ
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**

- B) *A. nector*
C) *Fasciola hepatica*
D) *Fasciola buski*
28. Otomycosis 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 suchinylcholine
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 hemicolectomy
C) Right hemicolectomy
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. Type III hypersensitivity reaction by
A) Immune complex mediated
59. Female with tongue abraded, koilonychia, 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 fascia
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 Barrett'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) Fjsdljf
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 positive
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 cremastic 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) $\alpha 1$
B) $\alpha 2$
C) $\beta 1$
D) $\beta 2$
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) α motor neuron
B) γ motor neuron

172. C) **pyramidal neuron**
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 α amylase-
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