

20th April 2015 online examination medicine Solved paper

(composed by Shaheen khan)

1. in late pregnancy placenta consist of -
Syncytiotrophoblast+fetal endothelium
2. ADH is inhibited by - Alcohol
3. compression of optic chiasma will cause -
bitemporal hemianopia
4. patient presented with Left homonomous
hemianopia where is lesion -right optic
tract
5. serum osmolarity will decrease when -
increase ADH
6. what id sensory supply to dura of midle
cranial fossa - trigeminal nerve
7. spinal shock will cause - loss of
vasomotor tone
8. parasympathetic action - pupil constrictn
9. RTA case what will you give first - I/V
fluids.
10. insulin secretion is stimulated by - GIP
11. which drug causes Increase LES tone and
increase Gut motility - metoclopramide.
12. P falciparum - Blackwater fever.
13. Barrbody diagnostic for - klinefilter.
14. bioavailability is for drugs that are
taken - orally
15. worm coming from nose of child -
ascaris.

16. Stomach fundus consist of - 3 layer
17. Adrenalectomy will lead to taste pref - Na.
- 18 typical von willibrand disease scenario
19. Sensory loss in dermatome will occur - in compression of sp. Nerve or post root
20. Grave ophthalmopathy which nerve involved - optic nerve
21. muscle that cause Eversion - peroneus longus
22. renal arteries are at - L2.
23. which drug decreases the risk of hypercholesterolemia - Statins
24. patient taking warfarin how to monitor - PT APTT INR.
25. Not in intrinsc pathway - factor 7 .
- 26 rochlear nrv lesio cause
 - (a)uniocular nystagmus and diplopia
 - (b)impaired downward gaze on adduction
 - (c)impaired downward gaze on abduction
- 27 vagus nerve on - right side of trachea
- 28.true statement regarding blood supply of heart - LCA give Lad+LEFT CIRCUMFLEX
- 29.renal vein is in front of aorta and renal artery
- 30.bicep origin, - supraglenoid tubercle
- 31.infection in front of pretracheal goes to ant. Mediastinum
32. Barbiturates-, enzyme inhibitors
33. Severe Mg deficiency cause hypocalcemia

34. Aldosterone is stimulated by -
hyperkalemia

35. U wave is due to hypokalemia

36 aspirin toxicity treatment - H_2CO_3 .

37 Typical scenario of SIADH.

38 Definition of metaplasia

39. Definition of hemosiderin

40. Liquefactive necrosis occurs - brain

41. poor prognostic signs of acute
transplant reject - vasculitis and
thrombosis.

42. Bruton agammaglobulinemia causes -
pyogenic infections

43. Glucagon causes - gluconeogenesis

44 scenario of leukemia what will be

Investigation of choice ,

(a) bone marrow biopsy

(b) cytogenetic testing

(c) CBC

45 CML genetics - chr 9,22

46. immunoglobulin involved in

Erythroblastosis fetalis - IgG

47. Mode of transmission of HIV- transmits
from mother to baby. 48. typical scenario of
measles

49. fisherman presented with pallor-
diphyllobothrium latum

50. which cells first present antigen from
GIT - M cells

51. Maximum H₂O and Na is absorbed in - jejunum
52. Sickle cell genetics- point mutation
53. Asthma test- FEV₁/FVC
54. True about carotid sinus- it detects rapidly changing pressure
55. End arteries are present in vital organ
56. Polyarteritis nodosa pathology- fibrinoid necrosis
57. At end of Marathone race-increase glucagon decrease insulin
58. hormone which inhibit ganodotropins release-prolactin
59. typical scenario of cushing disease
60. slow growing thyroid tumor-papillary
61. cotton wool exudates are present in _DM
62. h.pylori affects which organ-stomach
63. a quack prescribes drug to a patient which cause liver necrosis which enzyme will be raised- ALT
64. which structure separated mouth from pharynx in embryo-buccopharyngeal membrane
65. ANA will be positive in -Mixed CT disease(SLE was not in option)
66. most common cause of metaplasia - chronic irritation
67. infarct of broca area which artery involved-MCA
68. step of cardiac cycle b/w S1 and S2 - ventricle systole

69. cause of high output cardiac failure - beriberi
70. peritoneum is a double layered structure
71. drug to be given in status epilepticus - lorazepam (diazepam was not in option)
72. short transient action of AT2 - vasoconstriction
73. increase delivery on NaCl to macula densa will inhibit - renin release
74. which drug will be appropriate for ureteric stones - hydrochlorothiazide
75. derivative of second arch - styloid process
76. definition of vital capacity
77. person working in construction company which lung disease he will develop - asbestosis
78. obstruction of IVC will lead to - decrease cardiac output
79. which cause right shift of O₂ HB dissociation curve - decrease pH
80. pregnant lady presents with jaundice which test to be performed - GGT
81. dopamine and epinephrine are derived from which amino acid - tyrosine
82. scant Barr body present in - Turner syndrome
83. Most common nerve damage in thyroidectomy - recurrent laryngeal nerve (confirm it from book other option was external laryngeal nerve)

84. Fragile X syndrome is which type of disorder - trinucleotide repeat
85. angina like pain occur in - aortic stenosis
86. local cause of edema - allergy
87. 5yr old child presented with generalized edema which test to be done - urine albumin
88. maximum vol of blood is present in - veins and venules
89. diabetic patient present with gangrenous foot cause is -angiopathy+neuropathy
90. cause of death in gas gangrene - toxemia
91. QRS complex represent- ventricular depolarization
92. HLA B27 genetics is associated with - ankylosing spondylitis
93. memory is stored in - temporal lobe
94. Drug absorbed from GIT depends upon its - Lipid solubility
95. Blood flow to Heart is controlled by - Local metabolites
96. Muscle involved in normal resting breathing - diaphragm
97. transverse diameter of chest is increased by - External I/C muscles
98. confirmation of TB- detection of AFB
99. hormone inhibit gastric emptying - CCK
100. Type 2 DM drug of first choice - Metformin

101. which structure damages in eversion of foot - deltoid ligament
102. structure not palpable on DRE - ureters
103. in case of diaphragm irritation referred pain will be felt at which site - head and neck
104. which artery is present along phrenic nerve - pericardiophrenic artery
105. apex beat location - 8cm from midline
106. scenario of compensated metabolic acidosis
107. function of dead space - humidifies and warms inspired air
108. which is required for collagen synthesis - vit c
109. thirst will decrease when - ECF vol increase
110. characteristic feature of malignancy - metastasis
111. the characteristic microscopic feature of malignancy is -- pleomorphism
112. most common source of Hep B and C are - contaminated needles
113. patient presented with proteinuria which structure is damaged - basement membrane
114. chewing betel nuts will cause - submucous fibrosis
115. complication of OCP - thromboembolism
116. definition of incidence - no. of new cases per unit time

117. definition of prevalence - mass affected by disease
118. most common reaction of parents in pediatric ward after hearing morbid illness - denial
119. function of SER - Detoxification
120. DNA is present in - mitochondria
121. true statement regarding pituitary - pituitary gland sends its venous drainage to dura space
122. Echo virus causes - meningoencephalitis
123. correct combination of CSF finding - TBM leads to decrease glucose
124. most potent chemotactic factor - C5a
125. Dobutamine stimulates which receptors - B1+B2
126. finding in hyperthyroidism - decrease TSH
127. apical mitochondria are present in which structure - cilia
128. feature that promotes blood clotting - rough endothelial surface
129. fatty acid enters kreb cycle as a - kreb cycle molecule
130. thyroid is enclosed in pretracheal fascia
131. hormone of slow wave sleep - serotonin
132. staging described - extent of tumor
133. true statement regarding circle of villus - posterior communicating artery

connects PCA with ICA beneath oculomotor nerve

134. counseling is to help people themselves

135. cause of carcinoma - benzidine

136. true statement regarding erythroblastosis fetalis - immunoglobulins are produced in RH- mother with RH+ baby

137. patient presents with proteinuria and nose lesion diagnosis - Wegener

granulomatosi

138. athetosis - slow writhing movements

139. in which organ changes occur in sequence of metaplasia to anaplasia to dysplasia to carcinoma in situ - cervix

140. ultraviolet radiation causes -

(a) cataract

(b) teratogenic , (confirm it from book which option is right)

141. prostatic secretion contains - acid phosphatase

142. true statement regarding antibiotics - metronidazole can readily cross blood brain barrier.

143. patient presented with loss of pain and temp sensation below T9 where is lesion - spinothalamic tract at T8

144. in bitemporal hemianopia which part of optic chiasma is involved - middle part of optic chiasma

145. urine osmolarity is controlled by -
ADH

146. muscle blood during exercise is
controlled by - local metabolites

147 CD4+ cells are which type of cells -
helper T cells

148. which system is affected in bomb blast
- hematopoietic system

149. finding in severe diarrhea - acidosis
with normal anion gap

150. administration of which of the
following will increase blood flow to muscle
-

(a) alpha 1 antagonists

(b) norepinephrine

151. a patient after stroke presents
parietal lobe involvement which lobe is involved -

(a) frontal

(b) temporal

(c) occipital

152. function of basal ganglia - initiation
of voluntary movements

153. concentration of which hormone does not
change in pregnancy -

(a) cortisol

(b) GH

(c) prolactin

(d) PTH

154. characteristic finding of megaloblastic
anemia - oval macrocytosis

155. ECG of a patient shows absent P wave normal QRS complex where is pacemaker located.

- (a) SA node
- (b) AV node
- (c) bundle of HIS
- (d) Purkinje

156. 6yr male child presented with hirsutism and adult size external genitalia. urinary 17-ketosteroids are elevated. what is diagnosis

- (a) adrenogenital syndrome
- (b) congenital adrenal hyperplasia

157. a breast fed baby after 2 days of birth develops jaundice, direct=1 indirect=9 diagnosis - physiological jaundice

158. radiation injury depends upon

- (a) type of radiation
- (b) dose of radiation
- (c) type of tissue exposed
- (d) dose with short duration

158. patient presented with rectal proapse finding revealed an organism in rectal mucosa which will be this organism - trichura

159. what is the most effective way of to prevent DVT in hospitalized patients

- (a) pneumatic compression
- (b) warfarin
- (c) heparin

160. patient presented with erythematous swelling of back side of hand what will be drug of first choice.

- (a) penicillin G
- (b) cloxacillin

161. which cells are present in atherosclerotic plaque which are derived from circulation

- (a) macrophages
- (b) monocytes

162. in early leprosy investigation of - nasal scraping of lepra bacilli

163. ashoff bodies contain

- (a) Giant cells
- (b) necrotic substance

164. propranolol block which receptors - B₂ (non selective was not in option)

165. biopsy from 80yr old man shows re wear and tear pigment - lipofuscin

166. in hyaline cartilage

- (a) collagen fibers are visible
- (b) fibers are absent
- (c) elastic fibers are present

167. true statement regarding helper T cells. (forgot options)

168. a neutropenic patient with fever admitted in oncology ward with fever what will be mediator of this - TNF

169. Max steatorrhea will occur in

- (a) ileum resection
- (b) jejunum resection

- (c) total pancreatectomy
- (d) gall bladder resection

170. what is correct pairing of reflexes with root value

- (a) biceps- C6
- (b) knee - L4 L5

171. injury to ulnar nerve will cause

- (a) compete claw hand
- (b) atrophy of hypothenar

172. patient presented with swelling on face on examination axillary lymph nodes are enlarge what will be cause - sunlight

173. A labourer while working in hot sunny day collapsed down investigation revealed Na=120 what will be cause - excessive sweating

174. 175. there were two stupid questions from muscles spindles and stretch reflex that are not remembered.

176. a man during exercise keeps balance this is due to activation of which receptors

- (a) proprioceptors
- (b) exteroceptors
- (c) interoceptors

177. pectoralis major flap will get its blood supply from

- (a) intercostal arteries
- (b) thoracoacromial arteries

178. during phonation

- (a) vocal cords adducts
- (b) vocal cord abducts

- (c) occurs only during inspiration
- (d) occurs only during expiration
- (e) occurs during inspiration and expiration

179. allele are - identical genes on same locus

180. true regarding posterior frontanelle - area is smaller than anterior frontanelle

181. during an outbreak 150 out of 200 students get infected with S. aureus. among 150 only 50 shows signs of clinical illness. This is due to which property of pathogen

- (a) pathogenicity
- (b) virulence
- (c) infectivity
- (d) something else

182. cephalohematoma is located at

- (a) subcutaneous
- (b) pericranium
- (c) epicranium
- (d) something else

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