

1. Proteus – triple phosphate renal stone
2. Appetite stimulant A/e – melanocyte stimulating hormone, melanocyte corticotropic releasing hormone, neuropeptide Y
3. non invasive diarrhoea A/e – shigella, b.cereus, salmonella, y.enterocolitica
4. closely related to anterior commissure – orbit gyrus, uncus, optic chiasma
5. Probability – $6/25$, $3/5$, $2/5$
6. IDEAS –
7. Hernia – loop/end colostomy, loop/end ileostomy
8. Anatomical snuff box – radial a, brachial a, interosseus a, ulnar a
9. Foreign body sensation in the eye, arthritis – tb, sarcoidosis
10. Immediately after eating dyspnea, cyanosis – allergy
11. Lupus anticoagulant – increase in aPTT only, abortion in pregnant females, can occur without other signs of lupus
12. Milkman # - pseudo#
13. Punched out lesion in skull – electrophoresis, calcium, alp
14. Least polar – methyl, carboxyl, amino, phosphate
15. Nerve entrapment all except – femoral, lat cut n of thigh, tibial, common digital
16. Mammography less sensitive in young women – less gland & more fat
17. Medulla blood supply all except – ant spinal, bulbar, basal, post cerebellar a
18. Trochlear n – ipsilateral sup oblique, longest intracranial n, dorsal n, outside annulus of zinn
19. Vasomotor centre of medulla – only baroreceptor not chemoreceptor
20. Chronic low back pain – pain management, exercise, remove the etiology
21. Pauci immune glomerulonephritis – microangiopathic, alport, sle
22. Coombs positive anaemia – sle, ttp

23. juxta foveal telangiectasia A/e – variant of coats, macular telangiectasia,
24. diabetic retinopathy treatment A/e – seal the tear, remove peripheral retinal layers, vitrectomy, photocoagulation
25. narrow angle glaucoma avoid – duloxetine, citalopram, fluphenazine,
26. valproate causes A/e – weight gain, alopecia, liver damage,
27. uveal effusion A/e – myopia, abnormal scleral structure, scleritis, cilio-choroid can get separated
28. nitrosamine – hypotension and bradycardia
29. paravertebral block can go to A/e – epidural space, subarachnoid space, paravertebral space, intercostals space
30. neuroblastoma – most common extracranial solid tumour in children, >50% come with mets, lung mets common, involve aorta and branches at early stage.
31. monetary fund given to – schizophrenia, dementia, mental retardation
32. normal curve – mean=sd, mean=median, mean=variance
33. frequency distribution – histogram
34. involvement of sweat gland and hair follicles – lichen scrofulosum, military tb
35. all are direct cutaneous disease except – psoriasis, reiter's disease, lichen planus
36. scarring alopecia – t.capitis, androgenic alopecia, alopecia areata, lichen planus
37. adrenal adenoma A/e – hypoechoic on non contrast ct, contrast appears early and washes out late, regular border
38. casper dictum –
39. stellate wound – 2 feet distance, distant shot, contact wound, close range
40. pedestrian with multiple abrasions – primary impact, sec impact, tert impact.
41. para 3+0, CIN 3 in one quadrant on pap smear, what is the management – cryosurgery, conisation, hysterectomy
42. thyroid papillary ca 2cm – near total with rnd, hemithyroidectomy

43. follicular adenoma vs carcinoma – hurthle cell, increased mitosis, vascular invasion
44. sertoli cells – meiosis, spermatogenesis, seminal fluid, testosterone
45. obstructive azoospermia – fsh and lh
46. smoking assoc with A/e – ca larynx, nasopharynx, bladder, oesophagus
47. latest WHO scale of disability – ideas
48. SEPS –
49. commonest organ to be injured in bomb blast – lung
50. causes pf hypercoagulability A/e – paraproteinemia, infections, inflammatory bowel disease
51. features of pnh – DVT, massive splenomegaly,
52. thromboembolism assoc with A/e – pnh, diabetes
53. cannot be defined in operational terms – mission, goal, objective, target
54. cannot be defined in operational terms – mission, goal, objective, target
55. leptospirosis A/e – treatment of choice iv penicillin g, 10-15% mortality, rat urine
56. all true except – leptospirosis rat urine, tetanus dust droplets, listeria reffridgerated food
57. all true except – hypochlorite virucidal, glutaraldehyde sporicidal, phenol require organic material
58. all true except – zinc def pulmonary problems, milk alkali synd hypercalcemia, selenium def cardiac problem
59. precocious puberty boy 5years with pubic hair, bp 120/90 – 11b hydroxylase, deoxycorticosterone, 17 a hydroxylase, aldosterone
60. positive urinary anion gap – alcoholico ketoacidosis, diabetic ketoacidosis, glue, diarrhoea
61. water sample estimation A/e – clostridium recent contamination
62. nutritional survey A/e – 1 to 4 year mortality, babies < 2.5 kg, mother hb < 11.5

63. q fever vector – aerosol
64. crude birth rate A/e – ratio, fertility indicator, still born excluded
65. imci includes A/e – malaria, resp infections, diarrhoea, tb
66. trauma patient with gcs score 15, bp 100/80 next step – iv fluid with blood for cross matching, immediate transfusion, take him to theatre immediately
67. ductal carcinoma in situ best investigation – usg, mammography, mri, pet
68. calcification of post spinal ligament A/e – begins from thoracic level
69. neural tube closes from – cranial, caudal, lumbar
70. chronic renal failure patient with hyperkalemia immediate treatment before dialysis to reduce potassium levels – calcium gluconate, sod bicarbonate, glucose with insulin
71. after starvation which site will have max glucose receptor – brain, rbc, adipose tissue
72. lipoprotein lipase A/e – adipocytes, myocytes, does not need CII as cofactor
73. child bites his fingers – hgprtase def, adenosine deaminase def
74. after cutting with restriction enzymes segments joined by – dna ligase, polymerase
75. colon carcinoma A/e – mismatch repair genes, k ras, b cantenin, apc
76. comet tail artefact – adenomyomatosis
77. aedes mosquito A/e - constant biters, eggs cannot survive more than one week without water, transmit dengue,
78. dengue hmgic fever A/e – type 1 serotype, reinfection with the same serotype, reinfection with diff serotype
79. hiv maximum transmission – homosexual, heterosexual, blood transfusion, needle prick
80. hiv enters via – cd4, cd5, cd6, cd 56
81. GIST which is increased max – cd 117, s 100

82. pancreatic transplant with bladder catheter – urine amylase, blood amylase, blood glucose
83. 29 yrs with diabetes, no ketonuria, father does not have DM , grandfather has DM – mody, dm1, DM 2
84. RCC A/e – polycythemia, cushings, hypertension
85. angiotensin A/e – vasodilatation, increases thirst, stimulates adh
86. renal Physiology A/e – dct is always hypoosmotic, source of blood to glomerulus? afferent tubule, efferent tubule
87. reversible ischaemia – muga, thallium
88. maltese cross – blastomycosis, penicillium, candida
89. deep perineal pouch A/e – bulbourethral gland, urethral sphincter, root of penis
90. pelvic diaphragm A/e - colles fascia, deep transverse perinii, superficial transverse perinii
91. aortic aneurysm rupture – anterior, posterior, lateral, intraperitoneal
92. m.c. site of subclavian artery constriction – 1st part, 2nd, 3rd, entire artery
93. arteriovenous shunt A/e – found in all organs, thermoregulation, not under the control of ANS
94. pseudomonas multocida - ?
95. mifepristone used in – threatened abortion, fibroid, ectopic pregnancy
96. lactating female best contraceptive – barrier method, lactational amenorrhea
97. laproscopic sterilisation not done in – heart disease, hiatus hernia . incontinenti pigmenti – 100% ophthalmic problems, x linked dominant, skin rash, associated with eye problems
99. neurofibromatosis A/e – autosomal recessive
100. trotters triad – deafness, palatal palsy, trigeminal neuralgia, seizures
101. tuberous sclerosis triad – facial angiomas, mental retardation, seizures, rhabdomyosarcoma

102. the following species of borrelia cause relapsing fever except –
103. pancreatic carcinoma A/e – 75% associated with p53 mutation, 5 year survival for stage 3 is 10-15%
104. gold standard test to diagnose insulinoma – c peptide levels, 72 hrs fasting glucose, glucose value < 32mg%
105. a 9 year old girl posted for tonsillectomy, massive haemorrhage with prolonged aPTT and normal PT – factor 8 def, factor 9 def, vWF def
106. simple random sampling – everyone has equal chance of being picked
107. incidence rate can be calculated from – prospective studies
108. all are analytical studies except – field trials, case control, cohort, ecological
109. baby clinic A/e – baby 24hrs with mother, after normal delivery breast feeding within 4 hrs,
110. target strategy in aids A/e – education, treatment of STD, antiretroviral treatment, condoms
111. chemoprophylaxis available for all except – meningitis, typhoid, cholera,
112. vaccine with highest efficacy – measles, dpt, oral typhoid, tetanus
113. the following vaccine when contaminated causes toxic shock syndrome – measles vaccine
114. the following contractions of esophagus are stationary – primary, secondary, tertiary, quarternary
115. late expanding phase of population – birth rate stationary death rate falling, birth rate lower than death rate, falling death rates with low birth rate
116. fish odour from vaginal discharge – gardenella vaginalis, trichomonas vaginalis, candida
117. all the following are composite muscles except – flexor carpi ulnaris, flexor digitorum profundus, pectineus, biceps femoris
118. the following joint has least chances for recurrent dislocation – ankle, hip, shoulder, knee

119. hemochromatosis A/e – phlebotomy is not useful, common in females, complete penetrance.
120. a young female had following lab values mcv 70, hb 10 mg%, serum iron 60, serum ferritin 100, the diagnosis is – thalassemia trait, chronic iron deficiency anaemia, megaloblastic anaemia, folic acid def
121. facilitated diffusion is – requires carrier transport, does not depend upon electrical gradient, is a form of active transport, requires creatine phosphate
122. oxygen demand of heart – increases in a constant proportion with heart rate, depends on systolic work, is negligible when heart is at rest
123. pulsatile large liver is seen in – tricuspid regurgitation, aortic aneurysm, mitral regurgitation
124. systolic thrill in left 2nd or 3rd intercostal space is seen in A/e – subpulmonic vsd, pink TOF, ebsteins anomaly
125. a down syndrome patient is posted for surgery, the necessary pre-op investigation to be done is – echocardiography, ct brain, x ray cervical spine
126. zenkers diverticulum true statement is – lies above the cricopharyngeus muscle, barium xray lateral view, it is not a true diverticulum, is congenital
127. all are the uses of lithium except – major depression, anxiety, vascular headache, neutropenia
128. a female child was brought with complaint of generalised swelling of her body. She was passing fatty cast in her urine. No haematuria. The true statement is – no IgG or C3 deposition seen on renal biopsy, her C3 levels could be low, she is suffering from a nephritic type of kidney disease, alport syndrome
129. von hippel landau syndrome consists of A/e – gastric cancer, renal cell carcinoma, phaeochromocytoma, cerebral and retinal haemangiomas.
130. finnish type of nephrotic syndrome is due to mutation in – nephrin, podocin
131. renal polycystic disease in children all are true except – autosomal dominant, renal and hepatic cysts
132. splicing is brought about by – sn RNA, m RNA
133. superior middle alveolar artery is a branch of –

134. splenic artery gives all the following branches except – gastro epiploic, short gastric, pancreatic magna
135. chemotherapy is given to all the following cancers except – (various stages of different cancers were in the options)
136. triple assessment of cancer breast includes – history, clinical examination, biopsy
137. necrotising fasciitis A/e – due to group b haemolytic streptococcus, debridement is mandatory, involves trunk and lower limbs
138. the following cephalosporin doesn't need dose modifications depending on grf values – cefoperazone
139. tacrolimus side effect – nephrotoxicity, neurotoxicity
140. hand foot and mouth syndrome – capecitabine, carboplatin, cisplatin
141. amifostine – salivary gland, skin, GIT, brain
142. small cell lung cancer true statement – it is chemosensitive, does not involve the bone marrow
143. ifosphamide is – an alkylating agent
144. liquefactive necrosis is seen in – gangrene, tuberculosis
145. reduces bone resorption and increases bone formation – teraparotide, strontium, alendronate, calcitonin
146. the nephrotoxicity of cisplatin is increased by A/e – rifampicin, vancomycin, gentamycin,
147. treatment of severe falciparum malaria – quinine, chloroquine, artesunate, artemether
148. hepatitis C true statement is – most common cause for liver transplantation, does not cause liver cancer, dna virus, cannot infect a person already infected with hepatitis B
149. parvo virus B 19 false statement is – can cross the placenta in only <10% cases, dna virus, causes anaemia
150. all cause traumatic asphyxia except – railway accident, road accident, trampled by crowd, accidental strangulation.

151. true statement of RDA - RDA is defined statistically as 2 standard deviations (SD) above the EAR to ensure that the needs of most individuals are met
152. restless leg syndrome seen in – chronic renal disease, hyperkalemia, hypocalcemia
153. cyanosis does not occur in anaemia because – certain amount of reduced hb has to be present, in anaemia oxygen saturation increases
154. 2,3 diphosphoglycerate not increased in - chronic anaemia, chronic hypoxia, inosine, hypoxanthine
155. hb dissociation curve is sigmoid because – binding of oxygen to one molecule of hb increases the affinity of other oxygen molecules
156. modafinil used in – obstructive sleep apnoea
157. best non surgical treatment of stress incontinence – pelvic floor muscle training, bladder training, electrical stimulation
158. carpal tunnel syndrome caused by A/e – hyperthyroidism, acromegaly, diabetes, cushing
159. a lady with temporal field defects, galactorrhoea, most common cause – pituitary macroadenoma, craniopharyngioma
160. sleep controlled by – thalamus, hypothalamus
161. juvenile arthritis all are present except – rheumatoid nodules, uveitis, fever
162. bleomycin – reduces type 1 pneumocyte, reduces type 2 pneumocyte, reduces alveolar macrophage
163. hepatomegaly is caused by all except – gaucher, niemann pick, hepatocyte porphyria
164. cancer larynx – HPV 6 and HPV 11
165. limb defects with scarring of skin in new born – varicella virus
166. mitomycin C used in –
167. cell cycle specific antineoplastic drug – vinblastine
168. treatment of osteosarcoma are A/e – high dose methotrexate,....
169. in subclinical folic acid deficiency the following drug will bring about vitamin B 12 deficiency

170. the following drug can be given safe in pregnancy - propylthiouracil
171. rapid correction of hyperglycemia using insulin alone will result in – hypokalemia
172. icd 10 includes all except – lack of exercise, alcoholism, poisoning, unhealthy food.
173. cheif cells are found in – neck, pit, fundus
174. risk factor 4 GB Ca A/e – >5mm polyp, stones, increase in size of polyp
175. motorcyclist's fracture means – ring #, comminuted #, separation of suture b/w anterior half and posterior half of skull.
176. spastic paraplegia caused by all except – motor neuron disease, vit B 12 def
177. all are true about eaton lambert syndrome except – positive tensilon test.
178. pain insensitive structure – dural venous sinus.
179. icd....
180. cystic fibrosis all are true except – defect in calcium channel
181. girl with abnormal sweat chloride test, next diagnostic test – transnasal potential difference
182. Rheumatoid factor will give false negative tests with – coombs test....
183. abrasions can be confused with – eczema, chemical, ant bite
184. newborn with hydrocephalous – toxoplasmosis
185. Disease which permanently alters finger print – leprosy
186. vaginal delivery allowed in all except - monochorionic monoamniotic twins, first twin cephalic and second breech, extended breech, mento anterior
187. dysgerminoma marker – LDH
188. Rate of mineralisation of newly formed osteoid – von kossa stain, alizarin stain
189. sympathectomy done in all except – anhidrosis, intermittent claudication
190. intermittent claudication the pain is on taking - 1st step, last step, on exercise

191. chronic limb ischaemia true is – rest pain, pain on exercise
192. best graft for surgery below inguinal is –
193. superior gluteal nerve supplies all except – gluteus maximus
194. carotid artery emboli and CRVO are differentiated by – raised retinal artery pressure
195. intrinsic factor secreted by - chief cells, parietal cells
196. privileged conversation is between – doctor and court, doctor and patient
197. myodesis is c/i in
198. which factor is specifically a part of intrinsic clotting pathway – 9, 7, 13
199. Seen in acute inflammation classically – vasodilatation with leakage, vasoconstriction
200. 45 year old male had a chest pain. he died after 4 days. on postmortem intramural coagulation was found. this is – neutrophils, granulation tissue formation, granulomatous reaction, scar
201. mammography can detect all except – adenosis
202. Athletes pubalgia is\
203. SIRS includes all except
204. substance not fermented in human intestines – cellulose, pectin, fruit
205. Hb S differs in – solubility, o2 affinity, stability
206. all are true regarding Hb S except – glutamine replaced by valine, heterozygotes are protected against malaria,
207. Standing to sitting change in - increased venous return to heart
208. Actyl Co A can't directly form – Glucose
209. Dengue Hemorrhagic fever - Second Infection with different strain of virus the second time
210. 100 KD on SDS-PAGE, then second trial – 2x(20KD + 30KD)
211. Wilm's Tumor - National Wilm tumor staging system

212. Action potential starts in the initial segment of axon because – unmyelinated, less exiting potential required, more ion channels
213. regulatory mechanisms by all except – secretory vesicles, gap junctions, act on neighbouring cells
214. regarding lac operon, CAP is – positive regulator, negative regulator,
215. E157:O7 culture
216. not a cause of primary amenorrhoea - Sheehan
217. Chlamydia infection of the eyes, true statement A/e – can be cultured, penicillin is the treatment, mostly asymptomatic
218. Salmonella non typhi -
219. edema – C 1 esterase deficiency
220. hyperaldosteronism A/e – metabolic acidosis
221. HepB infected neonate - both Vaccine and Immunoglobulin
222. Hashimoto's thyroiditis true A/e – follicular destruction, increase in lymphocytes
223. Diastolic pressure - Aorta elasticity
224. IMG –
225. Joint aspiration in acute gout shows - monosodium urate crystals
226. GIST most common marker – CD 117, S 100
227. all drugs can be given to a mother who is on 35th week of gestation except – chloroquine, methotrexate, sulphadiazine
228. neonate change seen – bradycardia
229. heat rupture – regular rupture, irregular rupture
230. won't be present in right heart failure - increased PCWP
231. - joule burn
232. parotid pathway all except – auriculotemporal nerve

233. sodium bicarbonate given to local Anaesthesia – quick and longer action, delayed and longer action
234. which prevents colon cancer – high fibre diet, selenium, antioxidants
235. Entero Virus won't cause – aseptic meningitis, pleurodynia, herpangina, haemorrhagic fever
236. meningitis leads to vestibulitis through – hyrtle fissure, endolymphatic sac, cochlear aqueduct, vestibular aqueduct
237. cardiac disease predictor – Lp a, homocysteine, chlamydial antibody
238. Benign HTN - hyaline atherosclerosis
239. micro RNA –
240. temporal arteritis A/e – can cause sudden blindness, elderly, females more than males
241. most common muscle to be congenitally absent – pectoralis major, teres minor, gastrocnemius, soleus
242. popliteal artery not easy to palpate because – it is not superficial, and no bony structure to palpate
243. LHD increased in – retinoblastoma, galactosemia, glaucoma
244. intestinal absorption test – xylulose, fat in stools
245. lambda phage
246. mc cause of superficial thrombophlebitis - trauma, infection, i.v. line
247. pseudoclaudication - cauda equina syndrome
248. stellate ganglion block causes all except – bradycardia
249. lymphoid tissue seen in – lamina propria, adventitia
250. visual cycle – opsin combines with retinol, NADP is reduced, NAD is reduced
251. high tibial osteotomy for what
252. vocal cord sulci- vocal abuse?

253. paneth cell – has more zinc, more lysozyme
254. pulmonary artery pruning seen in
255. surgical staging of ovarian ca all done except – peritoneal wasing, peritoneal biopsy, mesenteric biopsy, palpation of organs
256. spongy urethra drainage into which node – internal iliac, superficial inguinal, deep inguinal
257. In which condition is d onset of condition to death the lowest – post partum hmge, antepartum hmge, obstructed labour, septicaemia
258. About mesial temporal lobe epilepsy
259. angiogenesis requires A/e – VEGF, FGF, TGF
260. weight of average Indian man – 60 kgs
261. synovial fluid characteristics –
262. functions of T helper cells are all except – cytotoxic, help in antibody formation, opsonisation
263. DMPA - 0.3% failure rate, less effective than OCP in reducing endometrial carcinoma
264. tamoxifen side effect – thromboembolism, endometrial canrcinoma
265. eclampsia –
266. fatty content in breast is found in A/e – trauma, galactocele
267. ageing – free radical
268. thoracic outlet syndrome diagnosed by – clinical examination, ct scan, mri
269. apoptosis which cell organelle responsible – mitochondria
270. psammoma bodies seen in A/e – follicular cancer thyroid, papillary cancer thyroid, serous cyst adenoma ovary, meningioma
271. the most bactericidal among the following – O₂- metabolite
272. karyotyping used for – chromosomal abnormalities

273. central chemoreceptors are sensitive to – low O₂, low CO₂, high CO₂, H⁺ concentration
274. blood flow is increased during exercise due to – active metabo275 hcv -true is dna virus,doesn't cause coinfection with hbv,??
- 276 igc angiography -occult cnv (ans)
- 277 scar on skin +hypoplasia limbs-cong varicella synd(harrison)
- 278 hereditary hemochromatosis true except-iron def
- 279 post tonsilectomy bleed in a child coagulatn defct ,aptt increased-hemophilia b
- 280 clot stabilisation factor-13
- 281 idc classification??
- 282 similar
- 283 hiv complicationsall except-cardiac tamponade,effusion,thromboemb(ans harrison),
- 284 conjunti foreign body sensation with arthritis h/o trip -reiters synd
- 285 neuroblastoma true is A/e??spreads through vessels,abdominal mass??
- 286 one more question with ideas289 dose reduction needed in renal failure all except-rifampicin
- 290 thyroid ca indicated by all except-collumnar cells in follicles,microcalcification,??
- 291 roooming in includes all except-breast feeding initiation after 4 hrs of vag delivery
292. one on LACHMAN TEST
293. what is not a primary req of association--biological plausibility, tempral association, consistency, coherence
294. c wave in JVP
295. All true for angioneurotic edema except pittin in nature
296. all are effects of estrogen except dec HDL
297. Moderate grade risk factor of Breast carcinoma- atypical hyperplasia

298. one on Genomic imprinting

299. Colon carcinoma single most imp prognostic factor

300. congenital deformity of organ- malformation

301. oxidation reduction occurs with all except- Hydroperoxidases, peroxidases, oxidases

302. Folic def all except- Chloroquine

303. Most reliable diagnostic test for insulinoma-72 hr fasting test.

304. vaginal delivery is contraindicated in-monochorionic monoamniotic twins,mento anterior position..