

1. Hypertrophic pulmonary osteoarthropathy is seen more commonly with which of the following lung carcinoma's
  - a. Squamous cell carcinoma
  - b. Adenocarcinoma
  - c. Epidermoid carcinoma
  - d. Oat cell carcinoma
2. By knowing the half life of a drug it would help in knowing the
  - a. Median lethal dose
  - b. Median effective dose
  - c. Potency of drug
  - d. Frequency of dosing
3. Which of the following types of human papiloma viruses is implicated in causation of carcinoma cervix
  - a. 6
  - b. 11
  - c. 16
  - d. 42
4. The best way to visualize the corneoscleral angle is
  - a. Slit lamp microscopy
  - b. Gonioscopy
  - c. Ophthalmoscope
  - d. Keratometer
5. Mebendazole is used for treatment of all of the following except
  - a. Intestinal ameobiasis
  - b. Trichuriasis
  - c. Ankylostoma
  - d. Round worm
6. Which of the following causes visceral larva migrane
  - a. Toxocara cati
  - b. Ankylostoma doudenale
  - c. Loa Loa
  - d. Trichuris trichura
7. Which of the following is content of littre's hernia
  - a. Sigmoid colon
  - b. Urinary bladder
  - c. Meckel's diverticulum
  - d. Ileus
8. Amino Acid Score (AAS) refers to
  - a. The ratio of number of essential amino acids present in the given diet to reference protein

- b. The ratio of number of limiting amino acids present in given diet to the reference protein
  - c. The number of limiting amino acids present in the given diet
  - d. The number of essential amino acids present in the given diet
9. Most common tumor of the appendix is
- a. Adenocarcinoma
  - b. Carcinoid
  - c. Squamous cell carcinoma
  - d. Metastasis
10. Formation of ammonium ions to remove the excess acid in urine is produced by which of the following enzymes
- a. Glutaminase
  - b. Glutamate pyruvate transaminase
  - c. Glutamate dehydrogenase
  - d. Carboxylase
11. The normal PR interval is in seconds
- a. 0.05-0.08
  - b. 0.12-0.16
  - c. 0.8-1.6
  - d. 1.2-2.3
12. The normal sperm count is
- a. 4-5 million/mm<sup>3</sup>
  - b. 60-120 million/ml
  - c. 60-120 lakhs/ml
  - d. 40-50 lakhs/mm<sup>3</sup>
13. To balance pressure natriuresis, the renal sodium excretion is
- a. Increased with increased arterial pressure
  - b. Decreased with increased pressure
  - c. Decreased with decreased pressure
  - d. Increased with decreased pressure
14. The limiting amino acid in wheat is
- a. Lysine
  - b. Threonine
  - c. Tryptophan
  - d. Cysteine
15. Chronic retropharyngeal abscess is formed due to
- a. Acute cervical lymphadenitis
  - b. Caries spine
  - c. Tonsillitis
  - d. Trauma
16. Post cricoid malignancy is commonly in
- a. Alcoholics
  - b. Smokers

- c. Plummer vinsons syndrome
  - d. Reflux esophagitis
17. The Henderson Hassalbach equation is used for measuring
- a. The sodium potassium balance
  - b. The acid base balance
  - c. The kinetics of enzymatic reaction
  - d. Anion gap
18. All of the following are anabolic except
- a. Growth hormone
  - b. Cortisol
  - c. Insulin
  - d. IGF-1
19. In right homonymous hemianopia the lesion is in
- a. The right optic nerve
  - b. Optic chiasma
  - c. The left Optic tract
  - d. The Optic radiations in the left cortex
20. Osteochondritis of the lunate bone is known as
- a. Friebergs
  - b. Keinbocks
  - c. Perthes
  - d. Kohlers
21. The incubation period of mumps is
- a. 7 days
  - b. 10 days
  - c. 18 days
  - d. 25 days
22. To differentiate between osmotic and secretory diarrhea it is best to measure
- a. The stool osmolol gap
  - b. The stool and plasma osmolality
  - c. The stool anion gap
  - d. The water content of the stools
23. Cobble stone appearance is seen in
- a. Epidemic keratoconjunctivitis
  - b. Vernal conjunctivitis
  - c. Trachoma
  - d. Herpes Infection
24. The difference between use of a selective alpha1 blocker to using a non selective alpha blocker is
- a. Less reflux tachycardia
  - b. Decreased postural hypotension
  - c. More vasodilation

- d. Vasoconstriction
25. All of the following are actions of epinephrine on beta receptors except
- Tachycardia
  - Ventricular arrhythmia's
  - A-V block
  - Increased cardiac output
26. Symes amputation is of which of the following types
- Provisional non end bearing
  - Provisional end bearing
  - Definitive non end bearing
  - Definitive end bearing
27. All of the following are true about amiodarone
- It acts on fast sodium channels
  - Increase action potential
  - It decreases conduction in HIS purkinje fibres
  - It increases refractory period in A-V node
28. The cell of origin in giant cell tumor is
- Osteoblast
  - Osteoclast
  - Undifferentiated cells
  - Giant cells
29. In vaginal prolapse the cause for decubitus ulcer is
- Friction
  - &nbsn style="color:navy;layout-grid-mode:line">c. It decreases conduction in HIS purkinje fibres
  - It increases refractory period in A-V node
28. The cell of origin in giant cell tumor is
- Osteoblast
  - Osteoclast
  - Undifferentiated cells
  - Giant cells
29. In vaginal prolapse the cause for decubitus ulcer is
- Friction
  - Congestion
  - Infection
  - Mechanical
30. DIC is seen in all of the following except
- Intra uterine death
  - Extraamniotic instillation of ethacrydine lactate
  - Blood loss
  - Amniotic fluid embolism
31. All of the following are conservative management used in ectopic pregnancy except

- a. Salpingostomy
  - b. Salpingotomy
  - c. Salpingectomy
  - d. Methotrexate
32. Hyperemesis Gravidarum in 1st trimester is seen with increased frequency in all of the following except
- a. H.Mole
  - b. Twins
  - c. Preeclampsia
  - d. Primigravida
33. Volume of synovial fluid in knee joint is
- a. 0.5-4 ml
  - b. 4-8 ml
  - c. 10-20 ml
  - d. 8-12 ml
34. The increased production of vitamin D induced transport protein increases absorption of
- a. Iron
  - b. Magnesium
  - c. Calcium
  - d. Zinc
35. The blocking antibodies in pernicious anemia are
- a. Directed against parietal cells
  - b. Prevents binding of IF and B12
  - c. Prevents absorption of IF and B12 complex
  - d. Are directed against enterocytes in ileum
36. Most common site of urethral rupture is
- a. Prostatic
  - b. Penile
  - c. Bulbar
  - d. Membranous
37. WHO day is celebrated all over the day on
- a. April 10
  - b. April 7th
  - c. May 31st
  - d. Dec 1st
38. Small Pox was declared globally eradicated on
- a. 7th May 1977
  - b. 1975
  - c. 8<sup>th</sup> May 1980
  - d. 14th April 1977
39. The membranous separating the region between the fetal skull bones is called as

- a. Fontanelles
  - b. Wormian Bones
  - c. Sutures
  - d. Ostia
40. Bisphosphonates act by
- a. Preventing calcium absorption in GIT
  - b. Inhibiting osteoclast mediated bone resorption
  - c. Preventing Ca excretion
41. Altering blood pH and preventing Ca resorption
- a. Odd's ratio measures the strength of association and
  - b. The ratio of incidence of disease in exposed to nonexposed
  - c. The risk factors and outcome
  - d. The ratio between exposed to the incidence of disease in the total population
42. The structures marking the separation of the duodenum and the jejunum is
- a. The superior mesenteric vein
  - b. The bile duct
  - c. The ligament of trietz
  - d. The caudate lobe of liver
43. In an immunosuppressed individual suffering from viral , opportunistic fungal and parasitic infections is suffering mainly from a defect in
- a. B cells
  - b. T cells
  - c. Complement
  - d. Neutrophils
44. For contraception (post contraception) all of the following are used except
- a. Mifepristone
  - b. Oral contraceptives
  - c. Levonorgestrol
  - d. Prostaglandins
45. All of the following are used in treatment of endometriosis except
- a. Danazol
  - b. Gonadotropin releasing hormone
  - c. OCP's
  - d. Gonadotropin releasing hormone agonist
46. During a surgery ligation of which of the following small veins in the abdomen can lead to death of the patient
- a. IVC
  - b. Superior mesenteric vein
  - c. Coronary vein
  - d. Splenic vein
47. All of the following are associated with maculopapular rash except
- a. Typhoid

- b. Dengue
  - c. Chicken pox
  - d. Measles
48. Punctate basophilia is seen in
- a. Erythrocytes
  - b. Neutrophils
  - c. Lymphocytes
  - d. Eosinophils
49. The fibrous layer is missing in
- a. Pars tensa
  - b. Pars flaccida
  - c. Umbo
  - d. Annulus of tympanic membrane
50. Myotonic dystrophy inheritance is by
- a. Autosomal Dominant
  - b. X-linked recessive
  - c. Autosomal recessive
  - d. Multifactorial
51. X-linked dominant inheritance pattern is seen in
- a. Polycystic Kidney disease
  - b. Vitamin D resistant rickets
  - c. Cystic fibrosis
  - d. Von willibrands disease
52. Von Willibrands disease is transmitted as
- a. Autosomal recessive
  - b. Autosomal Dominant
  - c. X-linked recessive
  - d. Y-linked recessive
53. Internal hordeolum is
- a. Chronic granulomatous infection of Meibomian glands
  - b. Acute suppurative infection of Meibomian glands
  - c. Acute infection of glands of Zeis's
  - d. Lacrimal gland infection
54. The protein content in breast milk is
- a. 0.8 gm/100 ml
  - b. 0.9 gm/10 ml
  - c. 1 gm/10ml
  - d. 2 gms/100 ml
55. Dysphagia lusoria is due to
- a. Abnormal origin of left subclavian artery

- b. Abnormal origin of right subclavian artery
  - c. Compression by aortic arch
  - d. Obstruction due to foreign body
56. Sensitivity is written in the formula as
- a.  $\frac{TP}{FP+FN}$
  - b.  $\frac{TP}{FN+TN}$
  - c.  $\frac{TP}{TN+TP}$
  - d.  $\frac{TP}{TN+FP}$
57. Annual parasite incidence measures
- a. Number of confirmed cases due to malaria in 1 yr \*1000 / Population under surveillance
  - b. Number of cases of malaria due to falciparum in 1 yr \* 1000 / Total population
  - c. Number of slides examined \*1000 / Total population
  - d. Number of faciparum malria cases in 2-10 yr old children\*1000 / Total population
58. As per WHO TB is said to be under control when
- a. <1% population is tuberculin positive
  - b. <1% population is sputum positive
  - c. <1% infection in children less then 14 years
  - d. <5% TB cases
59. Tullio Phenomenon refers to
- a. Increased sensitivity to hearing
  - b. Better hearing in noisy surrounding
  - c. Impedence matching
  - d. Vertigo on hearing high freq sounds
60. Thornwalds disease is infection of
- a. Pharyngeal bursa
  - b. Space of gillete
  - c. Crypta magna
  - d. Subhyoid infection
61. All of the following are true regarding ulcerative colitis except
- a. Decreased goblet cells
  - b. Crypt abcess
  - c. Destruction of crypts
  - d. Transmural infarction
62. Avoiding reflex is due to
- a. Right frontal lobe disease
  - b. Dominant parietal lobe disease
  - c. Non dominant parietal lobe disease
  - d. Left Frontal lobe disease
63. All of the following are true regarding cerebellar lesion except
- a. Hypotonia



- b. Adiodokinesia
  - c. Resting tremors
  - d. Ataxia
64. Normal oxygen tension with decreased oxygen carrying capacity is seen in
- a. Histotoxic hypoxia
  - b. Anemic hypoxia
  - c. Stagnant hypoxia
  - d. Hypoxic hypoxia
65. Loss of speech with inability to read, understand in a patient is referred to as
- a. Dyslexia
  - b. Aphasia
  - c. Disconnection syndrome
  - d. Apraxia
66. Abelson oncogene is associated with which of the following leukemias
- a. Acute myeloid leukemia
  - b. Acute leukemic leukemia
  - c. Chronic myeloid leukemia
  - d. Chronic leukemic leukemia
67. In CML the translocation occurring is
- a. Abl of chromosome 9 to bcr of chromosome 21
  - b. Abl of chromosome 9 to bcr of chromosome 22
  - c. Bcr of chromosome 9 to abl of chromosome 21
  - d. Bcr of chromosome 9 to abl of chromosome 22
68. M4 in the classification of AML denotes which of the following stages
- a. Promyelocytic
  - b. Monocytic
  - c. Myelomonocytic
  - d. Megakaryocytic
69. The M4 stage in AML is associated with the presence of
- a. Megaloblasts
  - b. Myeloblasts
  - c. Both myeloblasts and megaloblasts
  - d. Promylocytes
70. KANAVEL'S sign is seen in
- a. Acute tenosynovitis
  - b. Pancreatitis
  - c. Appendicitis
  - d. Ectopic pregnancy
71. The most common cause of multiple strictures in the small intestine is
- a. TB
  - b. Ischemic enteritis

- c. Crohns disease
  - d. Ulcerative colitis
72. In a post appendectomy patient the cause of an external fistula formation is
- a. TB
  - b. Intussuception
  - c. Crohns disease
  - d. Ulcerative colitis
73. Feacal fistula at the umbilicus is due to
- a. Patent urachus
  - b. Vescico intestinal diverticulum
  - c. Omphalocele
  - d. Infection
74. Most common cause of vescico vaginal fistula in developing countries is due to
- a. Obstructed labour
  - b. Werthiems hysterectomy
  - c. Ceasarian section
  - d. Forceps delivery
75. All of the following operations are done in incontinence except
- a. Kelleys stitch
  - b. Aldridge's operation
  - c. Marshal marchetti krantz operation
  - d. Shirodhkars sling operation
76. Most common type of incontinence seen in UTI is
- a. False
  - b. Overflow
  - c. Urge
  - d. True
77. Deep tranverse arrest is commonly associated with which of the following types of pelvis
- a. Platypelloid
  - b. Android
  - c. Anthrapoid
  - d. Gyenecoid
78. Which of the following is responsible for inability to rotate anteriorly in the occipitoposterior position
- a. Moderate size fetus
  - b. Gynecoid pelvis
  - c. Weak uterine contractions
  - d. Good levator ani muscle contractions
79. Which of the following sinuses is commonly associated with development of osteomyelitis in the face
- a. Maxillary
  - b. Ethmoid

- c. Frontal
  - d. Sphenoid
80. Atropine causes decrease salivation and bronchodilatation . These properties enable it to used in as
- a. Preaneasthetic medication
  - b. Hyertension
  - c. Supraventricular tachycardia
  - d. MI
81. All of the following are true about succinylcholine except
- a. Causes persistent depolarizing block
  - b. Metabolized by psuedocholinesterase
  - c. Block can be reversed by neostigmine
  - d. Has a short half life
82. Maculopaular rash is seen is all of the following except
- a. Typhoid
  - b. Varicella
  - c. Dengue
  - d. Measles
83. Diastomatomyelia is
- a. Discontinuity in spinal cord
  - b. Spur in spinal cord
  - c. Absence of dorsal column
  - d. Dislocated disc
84. The weight of the body is transmitted through the axis of the vertebrae passing through
- a. Lamina
  - b. Vertebral Body
  - c. Pedicle
  - d. Dorsal arch
85. All of the following are selective beta blockers except
- a. Atenolol
  - b. Metoprolol
  - c. Bisoprlol
  - d. Propranolol
86. All of the following are seen in Tetralogy of Fallot except
- a. VSD
  - b. Overiding aorta
  - c. Pulmonary stenosis
  - d. Left ventricular hypertrophy
87. In most patients with multiple sclerosis, CSF proteins are
- a. Increased

- b. Decreased
  - c. Normal
  - d. Absent
88. In Freidrichs type V hyperlipidemias the protein raised is
- a. IDL
  - b. VLDL
  - c. LDL
  - d. Chylomicronsii
89. Atoprine is used in treatment of all of the following except
- a. Iridocyclitis
  - b. Angle closure glaucoma
  - c. Corneal ulcer
  - d. Before refraction assessment
90. Wickhams striae is characteristically is seen in
- a. Psoriasis
  - b. Lichen planus
  - c. Pemphigus
  - d. Pemphigoid
91. Rhinitis sicca involves
- a. Anterior nares
  - b. Septum
  - c. Posterior wall
  - d. Lateral wall
92. Acute pancreatitis is caused most commonly by
- a. Gallstones
  - b. Alcohol
  - c. Truama
  - d. Drugs
93. All of the following about meperidine are true except
- a. Has shorter half life then morphine
  - b. Greater spasmogenic action then morphine
  - c. Has dependency
  - d. Better oral avialabilty
94. The lateral boundary of femoral canal is formed by
- a. Lacunar ligament
  - b. Femoral ligament
  - c. Femoral vein
  - d. Femoral nerve
95. Posterior relation of Winslows foramen is
- a. IVC
  - b. Liver
  - c. Doudenum

- d. Pancreas
- 96. The death sentence given by a judicial officer has to be confirmed by
  - a. Sessions court
  - b. Additional sessions court
  - c. High court
  - d. Supreme court
- 97. The asbestos which of least likely pathogenic is
  - a. Crocokolite
  - b. Crysolite
  - c. Amsolyte
  - d. Trenolite
- 98. Most common surgical complication of typhoid is
  - a. Myocarditis
  - b. Cholecystitis
  - c. Hemorrhage
  - d. Ileal perforation
- 99. In a patient with highly selective protienuria the protein lost is
  - a. Transferrin
  - b. Albumin and fibronogen
  - c. Transferrin and fibronogen
  - d. Fibronogen
- 100. The immunologic response giving protection to Hepatitis A for long periods
  - a. IgM
  - b. IgG
  - c. IgA
  - d. IgD
- 101. In window period in Hepatitis B infection, the severly shows
  - a. HbsAg
  - b. Anti HbsAg
  - c. HbeAg
  - d. Anti HbeAg
- 102. Characteristic skin lesion in Peutz Jeghers syndrome is
  - a. Freckles
  - b. Lentigenes
  - c. Café u-lait spots
  - d. Adenoma Sebacium
- 103. Characteristic lesion in tuberous sclerosis
  - a. Café u lait
  - b. Adenoma sebaceum
  - c. Lentigenes
  - d. Melanoma

104. All of the following are common uses of beta blockers and calcium channel blockers except
- Atrial arrhythmias
  - Hypertension
  - Variant angina
  - Migraine
105. Cardiac output is decreased by
- Increased sympathetic activity
  - Tachycardia
  - Increased preload
  - Decreased venous return
106. The parasympathetic effect on bronchial smooth muscle causes
- Increased tidal volume
  - Bronchoconstriction
  - Bronchodilatation
  - No effect
107. All of the following are true about cochlea except
- Lesion in cochlea causes nerve deafness
  - Contains the tectorial membrane which is fine tuned
  - It contains the hearing sense organs
  - Lesion causes vertigo
108. Myopia is best corrected by
- Convex lenses
  - Concave lenses
  - Astigmatic lenses
  - Prisms
109. All of the following are causes of complicated cataract except
- Malignant Myopia
  - Diabetes mellitus
  - Retinitis Pigmentosa
  - Iridocyclitis
110. The most common cause of pseudohermaphroditism is
- Ovarian dysgenesis
  - Ovarian tumor
  - Congenital adrenal hyperplasia
  - PCOD
111. The D/D of rectal prolapse in a child is
- Intusseption
  - Rectal polyp
  - Heamorrhoids

- d. Tumor
112. Most common cause of stridor in newborn is
- a. Subglottic stenosis
  - b. Laryngomalacia
  - c. Foreign Body
  - d. Infection
113. All of the following are functions of saliva except
- a. Acts as lubricant for mastication
  - b. It helps in perception of taste by dissolving
  - c. It helps in digestion of carbohydrates
  - d. It helps in digestion of proteins
114. The blood supply of SA node is
- a. Left coronary artery
  - b. Right coronary artery
  - c. Left circumflex artery
  - d. Anterior descending artery
115. The graph used to measure to unrelated variables like height and weight are
- a. Scatter diagram
  - b. Bar chart
  - c. Pie chart
  - d. Histogram
116. Reverse intussusception occurs in
- a. Ileocolic
  - b. Ileocecal
  - c. Colocolic
  - d. Jejuno gastric
117. Aspirin can be used in all of the following except
- a. Dysmenorrhoea
  - b. Acute inflammation of joints
  - c. Post MI
  - d. Viral infection
118. All of the following are true about metrorrhagia except
- a. Swiss cheese endometrium
  - b. Common nearing menopause
  - c. Anovulatory cycles
  - d. Metrorrhagia
119. Savlon contains
- a. Cetavlon + Hibitane
  - b. Cetavlon + Chlorheximide
  - c. Hibitane + Chlorhexenol
  - d. Cetavlon + Chlorohexenol
120. Most common adverse effect of Ziduvudine is

- a. Myopathy
  - b. Bone marrow toxicity
  - c. Hemolytic anemia
  - d. Hepatitis
121. All of the following are advantages of using INH in antiTB treatment except
- a. It reduces load of TB bacilli
  - b. It kills intracellular TB bacilli
  - c. It acts on dormant bacilli
  - d. It has preventable side effects like peripheral neuropathy
122. The only drug available for treatment of nephrogenic diabetes insipidus is
- a. Chlorpropamide
  - b. Thiazide
  - c. Desmopressin
  - d. Frusemide
123. All of the following are physiological cysts in the ovary except one which is a tumor
- a. Theca cysts
  - b. Dermoid
  - c. Luteal cysts
  - d. Corpus luteum cysts
124. Development of testes is dependant upon which of the following
- a. X chromosome
  - b. Y chromosome
  - c. XY chromosomes
  - d. XX chromosomes
125. Turners syndrome karyotype is
- a. 45, XXY
  - b. 45 × 0
  - c. 45, XX
  - d. 45, XY
126. All of the following are indications of enucleation except
- a. Malignant myopia
  - b. Pthisis bulbi
  - c. Panopthalmitis
  - d. Total anterior staphyloma
127. Purely ketogenic aminoacid
- a. Proline
  - b. Tyrosine
  - c. Leucine
  - d. Phenylalanine
128. Ponderal index is
- a.  $Wt/Ht^2$



- b. 100-ht in cms
  - c. Wt/cube root of Ht
  - d. Observed weight/Expected weight
129. WHO's definition of blindness is
- a. <math><6/60</math>
  - b. <math><3/60</math>
  - c. <math><20/60</math>
  - d. <math><1/60</math>
130. All of the following are seen in abruptio placentae except
- a. Tenderness over the abdomen
  - b. Renal failure
  - c. Uterine inversion
  - d. DIC
131. PQLI includes
- a. IMR, life expectancy at 1 year, economic growth product
  - b. IMR, life expectancy at 1 year, literacy
  - c. MMR, literacy, economic growth product
  - d. IMR, life expectancy at birth and knowledge
132. Freshly prepared bleaching powder yields what % of chlorine
- a. 66%
  - b. 33%
  - c. 50%
  - d. 20%
133. Iodized salt at production level and at consumer level should be
- a. 45 ppm and 15 ppm
  - b. 30 ppm and 15 ppm
  - c. 40 ppm and 20 ppm
  - d. 20 ppm and 10 ppm
134. The toxin implicated in lathyrism is
- a. Pyrralidone
  - b. BOAA
  - c. Sanguinarine
  - d. Aflatoxin
135. Chronic noise exposure above what level causes deafness
- a. 100 Db
  - b. 85 Db
  - c. 70 Db
  - d. 140 Db
136. All of the following are seen in horners syndrome except
- a. Ptosis
  - b. Miosis

- c. Proptosis
  - d. Anhydrosis
137. Antigen drift involving influenza indicates
- a. Major shift in the structure of the antigens
  - b. Minor variations in the viral nucleocapsid
  - c. Minor antigenic variations in the hemagglutinin and neuroaminidase antigens
  - d. Recombination with host DNA
138. Skin contains which type of glands largely
- a. Apocrine and sweat glands
  - b. Ecocrine and sweat glands
  - c. Holocrine and sweat glands
  - d. Sebaceous and sweat glands
139. Acute flaccid paralysis is suddenly caused by
- a. Hypercalcemia
  - b. Hypocalcemia
  - c. Hyperkalemia
  - d. Hypokalemia
140. In a patient with polyuria and polydipsia with passage of dilute urine is suffering from abnormality involving
- a. Aldosterone
  - b. ADH
  - c. Insulin
  - d. Growth hormone
141. Chlamydia is best treated by
- a. Tetracycline
  - b. Ampicillin
  - c. Gentamycin
  - d. Cephalexin
142. True about competitive inhibitor is
- a. Decrease in  $K_m$  and  $V_{max}$
  - b. Decrease in  $V_{max}$  and  $K_m$  is same
  - c. Increase in  $K_m$  and  $V_{max}$  is same
  - d. Decrease in  $K_m$  and  $V_{max}$  is same
143. Best drug to potentiate DOPA is
- a. Pyridoxine
  - b. Carbidopa
  - c. Pergolide
  - d. Amantadine
144. Current modes of investigation for infertility to check functioning of tubes are all of the following except
- a. Air insufflation
  - b. Sonosalpingography

- c. Hysterosalpingography
  - d. Laproscopic chromotubation
145. Kernicterus is caused by
- a. Bilirubin monoglucoronide
  - b. Albumin bound bilirubin
  - c. Unbound bilirubin
  - d. Bilirubin diglucoronide
146. Mechanism of action of cluvalinic acid is
- a. Inhibits cell wall synthesis
  - b. Inhibits beta lactamase
  - c. Acts on protein synthesis
  - d. Causes miss reading of DNA
147. Prolactin secretion is inhibited by
- a. Growth hormone
  - b. Stomatostatin
  - c. Dopamine
  - d. TSH
148. In increased stage of endometrial carcinoma treatment given is
- a. Tamoxifen
  - b. Medroxyprogesterone
  - c. Danazol
  - d. Methotrexate
149. Normal fluoride level for drinking purposes is in mgs/lt
- a. 0.08-0.5
  - b. 0.8-1.2
  - c. 1-1.75
  - d. 1.5-3.5
150. Epinephrine can be used in all of the following except
- a. Anaphylactic shock
  - b. Chronic bronchial asthma
  - c. Cardiac resuscitation
  - d. To prevent local bleed
151. The most common nerve involved in leprosy is
- a. Ulnar nerve
  - b. Lateral popliteal nerve
  - c. Sciatic nerve
  - d. Radial nerve
152. Dangerous area of face is
- a. Olfactory bulb
  - b. Woodruffs area
  - c. Littles area

- d. Inferior turbinate
153. During surgery involving abdomen ligation of a small vein can cause death of the patient
- a. Coronary vein
  - b. Superior mesenteric vein
  - c. Splenic vein
  - d. IVC
154. The main blood supply of the small gut is
- a. Celiac axis
  - b. Superior mesenteric vein
  - c. Inferior mesenteric vein
  - d. Middle colic vein
155. The external ear develops from which of the following
- a. 1st branchial arch
  - b. 2nd branchial arch
  - c. 1st branchia cleft
  - d. 2nd branchial cleft
156. Division of nuclear material occurs in which of the following stages
- a. Metaphase I
  - b. Prophase I
  - c. Anaphase
  - d. Prophase II
157. Rotation of radius occurring without extension and flexion at the elbow joint is caused by
- a. Anconeus and supinator
  - b. Brachioradialis and Brachialis
  - c. Pronator quadratus and pronator teres
  - d. Triceps and Biceps brachii
158. Depression of mandible is caused by
- a. Temporalis
  - b. Lateral pterygoid
  - c. Medial pterygoid
  - d. Masseter
159. Which of the following amino acids undergoes hydroxylation and is involved in the formation of collagen
- a. Proline
  - b. Tryptophan
  - c. Phenylalanine
  - d. Cystiene
160. Which of the following are true about nerve action conduction
- a. On activation there is influx of potassium and efflux of sodium
  - b. It is decremental in nature
  - c. It does not follow all or none law

- d. It requires a threshold stimulus to be activated
161. The most physiological operation for chronic duodenal ulcer is
- a. Highly selective Vagotomy
  - b. Truncal vagotomy and gastrojejunostomy
  - c. Antrectomy and truncal vagotomy
  - d. Selective vagotomy
162. The least recurrence rate is seen in which of the following procedures for peptic ulcer
- a. Truncal vagotomy and gastrojejunostomy
  - b. Highly selective vagotomy
  - c. Truncal vagotomy and antectomy
  - d. Selective vagotomy
163. Most of the long bones in the body have which of the following type of joints
- a. Synarthrosis
  - b. Dyarthrosis
  - c. Amphiarthrosis
  - d. Synostosis
164. The fungi present in the reticuloendothelial system is
- a. Candida
  - b. Histoplasma capsulatum
  - c. Sporothrix
  - d. Aspergillus
165. Alpha waves are of which of the following frequencies
- a. 7-13 Hz
  - b. 10-20 Hz
  - c. 15-25 Hz
  - d. 4-5 Hz
166. In a patient who is resting but is awake and has his closed will show which of the following readings on EEG
- a. Alpha waves
  - b. Beta waves
  - c. Theta waves
  - d. Delta waves
167. Which of the following are true about neutrophils
- a. Constitute 5-10% of leucocytes
  - b. Are phagocytic cells
  - c. Are increased in chronic inflammation
  - d. Are present mainly in extravascular regions
168. In a patient suffering through trauma involving regions that are extra abdominal can still cause death due to which of the following reasons
- a. Splenic rupture
  - b. Acute dilatation of stomach
  - c. Fat embolism

- d. Intestinal infarction
169. All of the following are true regarding Angle closure glaucoma except
- a. Vertically dilated pupil
  - b. Deep AC
  - c. Ciliary congestion
  - d. Haloes may appear
170. All of the following are true about angle closure glaucoma except
- a. Prodromal phase initially
  - b. Atropine is used in treatment
  - c. Gonioscopy is used to visualize angle
  - d. Iridotomy is required
171. Which of the following drugs cause phototoxicity
- a. Phenytoin
  - b. Amiodarone
  - c. Digoxin
  - d. Verapamil
172. Erythema Nodosum is caused by
- a. Sulphonamides
  - b. Phenytoin
  - c. Phenylbutazone
  - d. Penicillin
173. Which of the following cytokines synthesized by the LOX enzyme is involved in chemotaxis
- a. B4
  - b. C4
  - c. D4
  - d. E4
174. True about TxA<sub>2</sub> synthesized by endothelium is
- a. Inhibits platelet aggregation
  - b. Causes vasoconstriction
  - c. All of the above
  - d. None of the above
175. Benzathine penicillin is used in treatment of
- a. Endocarditis
  - b. Septicemia
  - c. Primary syphilis
  - d. UTI
176. Most common cause of infection in surgical wounds is
- a. Staph epidermidis
  - b. Staph aureus

- c. Pseudomonas
  - d. Streptococci
177. Chronic exposure with which of the following particle size causes chronic lung disease
- a. 0.5-3 microns
  - b. 5-10 microns
  - c. 3-5 microns
  - d. 0.01-0.5 microns
178. Which of the following is a common child affective viruses
- a. Adenovirus
  - b. CMV
  - c. Parainfluenza
  - d. Herpes simplex
179. Narcolepsy is
- a. Narcotic induced epilepsy
  - b. Narcotic induced depression
  - c. Attacks of sleep and paralysis
  - d. Narcotic withdrawal reaction
180. The best way to gauge the IQ of a child is by looking at
- a. Gross motor development
  - b. Fine motor development
  - c. Psychosocial
  - d. Language
181. Cherry red spot is seen in
- a. CRVO
  - b. CRAO
  - c. Branch retinal vein occlusion
  - d. Papilloedema
182. Cherry red spot is commonly seen in
- a. Gaucher's disease
  - b. Tay Sachs disease
  - c. Hurler's syndrome
  - d. Von Gierke's disease
183. Cubitus varus deformity occurs most commonly due to
- a. Malunited lateral condyle #
  - b. Malunited supracondylar #
  - c. Medial epicondyle #
  - d. Elbow dislocation
184. Visceritis is another term for
- a. Subcutaneous hypostasis

- b. Arborescent markings
  - c. Lichtenburgs markings
  - d. Joule burns
185. When permanent canine appears it correlates with the appearance of which of the following ossification centers
- a. Olecranon
  - b. Pissiform
  - c. Patella
  - d. Head of femur
186. In comparison of famotidine to cimetidine. They differ in all of the following except
- a. Antiandrogenic effect
  - b. Oral bioavailability when given along with food
  - c. Duration of action
  - d. Side effects
187. Posterior pituitary stores and releases which of the following hormones
- a. TSH and GH
  - b. TSH and LH
  - c. ADH and Prolactin
  - d. Oxytocin and vassopressin
188. Invitro fertilization is mainly used when the cause of infertility is due to
- a. Oligospermia
  - b. Tubal abnormalities
  - c. Anovulation
  - d. Cord factor
189. Regarding water absorption in PCT all of the following are seen in except
- a. 60% reabsorbed
  - b. Depends on ADH
  - c. Passive
  - d. Active absorption of solutes
190. IV bicarbonate is given in
- a. Metabolic alkalosis
  - b. Metabolic acidosis
  - c. Head injury
  - d. Uncompensated respiratory acidosis
191. Normal anion gap acidosis is seen in
- a. Chronic renal failure
  - b. Diarrhea
  - c. Diabetic ketoacidosis
  - d. Methanol poisoning
192. The endothelial cells have specialized receptors for which of following
- a. HDL



- b. LDL
  - c. Oxidized LDL
  - d. Oxidized VLDL
193. Most common parotid tumor is
- a. Pleomorphic adenoma
  - b. Adenocarcinoma
  - c. Warthins tumor
  - d. SCC
194. The toxin implicated in lathyrism is
- a. Sanguinarine
  - b. Beta oxalyl amino acid
  - c. Pyrrazolidine
  - d. Aflatoxin
195. The enzyme required for the generation of the ammonium ion in the kidney is
- a. Glutamate dehydrogenase
  - b. Glutamate aspartate transaminase
  - c. Glutaminase
  - d. Glutamate carboxylase

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