

1. In rupture of the bulbar urethra the urine is found to extravasate into all of the following spaces except
  - a. The scrotum
  - b. Penis
  - c. Anterior abdominal wall
  - d. Ischorectal fossa
2. The anti diabetic drug which also has anorectic effect is
  - a. Glipizide
  - b. Chlorpropamide
  - c. Gliclazide
  - d. Metformin
3. The intervertebral disc is related to all of the following except
  - a. To the aorta anteriorly
  - b. To the 2<sup>nd</sup> lumbar nerve closely
  - c. The cauda equina of spinal cord
  - d. Is the site of origin of Psoas major
4. The ant diabetic drug which is considered as post prandial hyperglycaemic regulator is
  - a. Rosiglitazone
  - b. Piaglitazone
  - c. Ripaglinide
  - d. Tolbutamide
5. The position of the hip in osteoarthritis is
  - a. Flexion, abduction and internal rotation
  - b. Flexion, adduction and internal rotation
  - c. Extension, abduction and internal rotation
  - d. Flexion, abduction and external rotation
6. All of the following structures arise from the embryonic ectoderm except
  - a. The anterior hypophysis cerebri
  - b. The epithelium of thyroid cartilage
  - c. Enamel of teeth
  - d. Epithelium lining the nasolacrimal duct
7. Stimulation of the region over the sartorius muscle over the lower part of hunters canal would cause stimulation of which muscle
  - a. Cremastic
  - b. Anal
  - c. Bulbocavernous
  - d. Iliopsoas
8. All of the following statements are true about Treacher Collins syndrome except
  - a. It is inherited as autosomal dominant
  - b. The defect is due to neuronal migration disorder
  - c. It is sue to 3<sup>rd</sup> arch defect
  - d. It occurs due to terratogenic effect of isotretenoic acid
9. The bronchial artery supplies the respiratory tract till the
  - a. Trachea
  - b. Main bronchi
  - c. Terminal bronchiole
  - d. Alveoli
10. The AV node is situated in the
  - a. The membranous portion of intraventricular septum
  - b. The muscular portion of intraventricular septum
  - c. Interatrial septum
  - d. Crista terminalis
11. The jugular foramen transmits all of the following except
  - a. Superior petrosal sinus
  - b. Internal jugular vein
  - c. Glossopharyngeal nerve
  - d. Vagus nerve
12. The relationship between Inferior vena cava and sympathetic trunk is
  - a. It is anterior to it
  - b. Lateral to it
  - c. Posterior to it
  - d. Medial to it
13. The maxillary sinus is best visualized in which of the following views
  - a. Occipitobregmatic
  - b. Mentovertical
  - c. Fronto-occipital
  - d. Lateral view
14. Which of the following are true about the causation of tetralogy of fallot
  - a. It is due to defect in formation of membranous part of intraventricular septum
  - b. Failure of fusion of conus medularis and septum secundum
  - c. Failure of fusion of septum primum with septum secundum
  - d. Failure of fusion of septum primum with septum secundum
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  - c. Fronto-occipital
  - d. Lateral view
16. The lymphatic drainage from the ovaries and rectum drains into which of the following lymph nodes
  - a. Aortic
  - b. Aortic and common iliac
  - c. Aortic , common iliac and internal iliac
  - d. Aortic, common iliac, internal iliac and inguinal
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  - b. Flexion, adduction and internal rotation
  - c. Extension, abduction and internal rotation
  - d. Flexion, abduction and external rotation
18. The drug which causes ototoxicity manifesting mainly as vestibular component is
  - a. Gentamycin

- b. Kanamycin  
c. Amikacin  
d. Natilimicin
19. There are many complications of CSOM. The Tobey Ayer test is used to see for which of the following complication
- Cavernous sinus thrombosis
  - Cerebral abscess
  - Lateral sigmoid sinus thrombosis
  - Petrositis
20. The extracellular fluid which contains increase potassium and low sodium ions is
- CSF
  - Ectolymph
  - Endolymph
  - Pleural fluid
  - Aryepiglottic folds
21. In bilateral abductor paralysis of the vocal cords the voice described is
- Mogiphonia
  - Phoneasthenia
  - Good or normal
  - Woody
22. The muscles supplied by the glossopharyngeal muscle include all of the following except
- Constrictors of pharynx
  - Stylopharyngeus
  - Taste from circumvallate papillae
  - Sensation from 1/3<sup>rd</sup> tongue
23. Most of the CNS tumors in children are present in
- Supratentorial region
  - Extradural
  - Infratentorial region
  - Cauda equina
24. There is bulging of the endolymph sac in which of the following diseases
- Otospongiosis
  - Otosclerosis
  - Meniers disease
  - Otitis media
25. Tuberculosis most commonly involves which of the following part of the larynx
- Vocal cords
  - Subglottic region
  - Posterior commissure
  - Aryepiglottic folds
26. The hypopharynx includes all of the following except
- Pyriformis fossa
  - Epiglottis
  - Post cricoid region
  - Valecula
27. All of the following are coccobacilli except
- Bordatella
  - Brucella
  - Klebsiella
  - H.Influenza
28. All of the following are true about von Willibrands disease except
- Abnormal platelet count
  - Normal platelet
  - Decreased time on addition of ristocetin
  - Decreased coagulation to ADP
29. The most pathognomonic feature of a malignant lesion is
- Vascular invasion
  - Metastasis
  - Genetic mutation
  - Tissue markers
30. The nerve that supplies the pronator muscle of the distal radioulnar joint is
- Deep branch of radial nerve
  - Posterior interossius nerve
  - Median nerve
  - Ulnar nerve
31. Photostress test is done to test
- Macula
  - Optic nerve
  - Refractive error
  - Optic tract
32. Laser iridotomy is done for
- Buphthalmos
  - Primary angle closure glaucoma
  - Staphyloma
  - After cataract
33. The markers which differentiates between a highly malignant cancer and a lymphoma is
- Neuron specific enolase
  - Cytokeratin
  - Vimentin
  - Desmin
34. The enzyme which does not take part in DNA replication is
- Restriction endonuclease
  - Telomerases
  - Reverse transcriptase
35. The articular capsule is defective in which part of the IP joint
- Dorsum(posterior)
  - Ventral (anterior)
  - Lateral
  - Medial
36. In high myopia which of the following is seen
- Retinal heamorrhages
  - Papillitis
  - Chorioretinal degeneration
  - Uvietis
37. Hyperkalemia is seen in which of the following types of renal tubular acidosis
- Type I
  - Type II
  - Type III
  - Type IV
38. Normal anion gap acidosis is seen
- Lactic acidosis
  - Diarrhea
  - Diabetic ketoacidosis
  - Glycol poisoning
39. Face to pubis is seen in which type of pelvis

- a. Android  
b. Anthropoid  
c. Gynecoid  
d. Platepyloid
40. Thiamine is used in which of the following reactions  
a. Pyruvate to oxalate  
b. Pyruvate to acetyl coA  
c. Succinate to Fumarate  
d. Malonate to oxaloacetate
41. Which of the following amino acid is both polar and ionic  
a. Aspartate  
b. Leucine  
c. Glutamate  
d. Arginine
42. The HLA III codes for  
a. Taq proteins  
b. Complement gene protein  
c. Helper T cells  
d. Diabetes Mellitus
43. Zafirlukast is a drug which has found use in asthmatic patients it acts by  
a. LOX inhibitor  
b. Leukotrien receptor blocker  
c. Newer phosphodiesterase inhibitor  
d. Endothelin receptor blocker
44. Superior gluteal nerve supplies to all of the following muscles except  
a. Gluteus medius  
b. Gluteus minimus  
c. Iliotibial tract  
d. Gluteus maximus
45. Decarboxylation of which amino acid releases a compound which has potent vasodilator effects  
a. Aspartate  
b. Arginine  
c. Glutamate  
d. Histidine
46. Ross position (used in tonsillectomy) is used for which of the following procedures  
a. Tracheostomy  
b. Bronchoscopy  
c. Flexible esophagoscopy  
d. Direct laryngoscopy
47. All of the following are used in monitoring use of magnesium sulphate in eclampsia except  
a. Respiratory rate  
b. Deep tendon reflexes  
c. Serum calcium levels  
d. Urine output
48. The drug used to treat a pregnant women with 20 week gestation with blood pressure of 150/90 is  
a. Enalapril  
b. Furesemide  
c. Hydralizine  
d. Atenolol
49. All of the following are indications of trail of labour except  
a. Young primi  
b. Vertex anterior  
c. Breech presentation
50. For brow presentation the engaging diameter is  
a. Submentobregmatic  
b. Mentoverical  
c. Submento-occipital  
d. Occipito-bregmatic
51. The drug which is added to pyrimethamine in the treatment of toxoplasma gondi infections is  
a. Clindamycin  
b. Clarithromycin  
c. Amikacin  
d. Vancomycin
52. In a HIV seropositive case all of the following are causes of diarrhea except  
a. Isospora  
b. Acanthamoeba  
c. Cryptospora
53. Decreased activity of osteoblasts is caused by  
a. Parathormone  
b. Vitamin D 3  
c. Corticosterone  
d. T3 and T4
54. Perineal support is to be given during labour to prevent lacerations in which of the following conditions  
a. Breech  
b. Shoulder  
c. Body  
d. Leg
55. Frontal EEG showing slowed delta waves is seen. The probable cause would be  
a. Metabolic encephalopathy  
b. Hypoxic encephalopathy  
c. Raised intracranial pressure  
d. Toxoplasma infection
56. In the mass prophylaxis in filariasis in India the drug and the dosage preferred is  
a. DEC 6mg/Kg for 1 day  
b. DEC 6 mg/Kg for 12 days  
c. Ivermectin 24 micro/Kg  
d. Albendazole 400mg single dose
57. In AIDS defining illness, which of the following is not included in the criteria  
a. Candidiasis  
b. Cryptosporidiasis  
c. Multidermatomal herpes zoster  
d. Recurrent salmonella septicaemia
58. The infection implicated in the causation of hydrops foetalis is  
a. Infectious Mononucleosis  
b. Parvo virus 19  
c. Erythema infectiosum

- d. Measles
59. All of the following would be positive test for carbohydrate except
- Starch
  - Glucose
  - Arabinose
  - Erythrose
60. The melanocytes can be demonstrated best by
- PAS stain
  - Perls stain
  - DOPA reaction
  - Wrights stain
61. Fanconi's anaemia can be best classified as
- Constitutional anaemia
  - Immunologic anaemia
  - Allergic anaemia
  - Autoimmune
62. In a patient with anaemia the MCV-115, MCH-30 and MCHC-43 which of the following would be seen in peripheral smear
- Dohle bodies
  - Malignant cells
  - Hypersegmented neutrophils
  - Pelger Heut anomaly
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68. The appropriate test used to asses the venous thrombosis is
- I 131 fibrinogen study
  - Doppler ultrasound
  - Duplex ultrasonography
  - Contrast venography
69. Selenium is a cofactor in which of the following enzymes
- Xanthine oxidase
  - Cytochrome oxidase
  - Cytochrome reductase
  - Dehydrogenase
70. The region of the brain which is responsible for the emotional aspect of humans is
- Amygdala
  - Frontal lobe
  - Hippocampus
  - Occipital lobe
71. In lesion of ventromedial nucleus of hypothalamus there will be
- Hypersomnia
  - Hyperphagia
  - Anorexia
  - Decreased thirst
72. The complement which would stimulate the bone marrow is
- C3b
  - C2
  - C9
  - C4
73. In a malignant lesion-tumor which of the following would be seen
- Normal vasculature
  - No neovascularization
  - Contrast pooling
  - Thickened capsule
74. In isometric muscle exercise the changes seen are
- Increase in heart rate
  - Increase in diastolic pressure
  - Increase in systolic pressure
  - Significant increase in cardiac output
75. All of the following are currently matched except
- Parietal lobe- Finger agnosia
  - Fascial canal damage-LMN fascial palsy
  - Inferior colliculus- internuclear ophthalmoplegia
  - Temporal lobe –superior quadrantanopia
76. Blockade of the mainstem of the MCA of the dominant side would lead to all of the following except
- Contralateral hemiplegia
  - Global aphasia
  - Homonymous hemianopia
  - Gaze palsy with eyes directed towards contralateral side
77. The central sulcus of the brain is classified as
- Axial sulcus
  - Operculated sulcus
  - Limiting sulcus
  - Completed sulcus



78. The oxygen haemoglobin curve would shift to the right due to all of the following except
- Increased temperature
  - Decreased pH
  - Foetal haemoglobin
  - Increase in 2,3 DPG
79. Tc99 is derived from which of the following
- Str-99
  - Mo-99
  - Str-90
  - Mo-90
80. The rays used for cold sterilization is
- UV rays
  - Gamma rays
  - Alpha rays
  - Beta rays
81. All of the following are tributaries for the fascial vein except
- Transverse fascial vein
  - External branch of palatine vein
  - Tonsillar vein
  - Pharyngeal vein
82. Teacher A's class showed a standard deviation of 4.9 and teacher B's class showed a standard deviation of 2.5. This shows that
- Mr. A's class is more homogenous than B's
  - Mr. B's class is less heterogeneous than A's
  - Mr. A's class is showing better results than B's
  - Mr. B's class is showing better results than A's
83. The structure which plays a role in muscle tension is
- Golgi tendon organ
  - Muscle spindle
  - Annular spiral bundle
  - Fascicular bundle
84. Which of the following is not used therapeutically in radiotherapy
- Neutrons
  - Positrons
  - Electrons
  - Alpha rays
85. The most common indication for surgery in chronic pancreatitis is
- Duodenal obstruction
  - Pain
  - Infection
  - Malignant transformation
86. Hemihypertrophy of one side of the body is associated with which of the following diseases of the kidney
- Alport's
  - Medullary sponge kidney
  - Medullary cystic kidney
  - Adult polycystic kidney diseases
87. An adult with a rectal polyp is likely to have which of the following associated disorder
- Familial adenomatous polyposis
  - Hypokalemia
  - Irritable bowel disease
  - Peutz Jeghers syndrome
88. In a patient is brought unconscious in the casualty and is found to have PaCO<sub>2</sub>-70, PaO<sub>2</sub>-50, and pH is 7.17. He is most probably cause is
- Hypoxic respiratory failure
  - Central respiratory depression
  - COPD
  - Hypersensitive pneumonitis
89. A 40 weeks child can do all of the following except
- Play a simple ball game
  - Cruise
  - Pick up objects inadvertently
  - Wave bye bye
90. ANCA positive diseases are all of the following except
- Microscopic polyangitis
  - Henoch schonelein purpura
  - Churgs Strauss syndrome
  - Wegeners Granulomatosis
91. A person stumbled but did not fall. He felt pain and noticed a swelling in the leg. The most probable cause is
- Cruciate ligament injury
  - Meniscal injury
  - Lateral collateral ligament
  - Patellar fracture
92. Which of the following internal hernias is associated with a sac
- Epiploic foramen
  - Transmesocolon
  - Transmesenteric
  - Through the broad ligament
93. In ARDS the pathology underlying the disease is
- Diffuse infiltration of plasma cells in the intra-alveolar regions
  - Diffuse alveolar damage
  - Organizing bronchiolitis
  - Diffuse consolidation
94. The Malampati scoring is done to assess the patients
- Consciousness
  - Airways
  - Cardiac status
  - Renal functioning
95. In an individual with Indeterminate leprosy is found to Mitsuda test negative. This would most likely progress into which of the following leprosy
- Borderline tuberculoid
  - Borderline leprosy
  - Lepromatous leprosy
  - Tuberculoid leprosy
96. A flat polypoid, polygonal purplish lesion is classically seen in
- Psoriasis

- b. Lichen planus  
c. Pemphigus vulgaris  
d. Pemphigoid
97. In a patient with ectopic kidney the adrenals would most likely be located  
a. In the pelvis  
b. In the opposite side  
c. In normal position  
d. Behind the spleen
98. All of the following are about the luteal cyst of the ovary except  
a. Associated with pregnancy  
b. May rupture causing an acute abdomen  
c. May attain a large size if left untreated  
d. Treated by oral contraceptive pills
99. Diffusion hypoxia is known to occur when use of which of the following anaesthetic agents  
a. Halothane  
b. Nitrous oxide  
c. Ethylene oxide  
d. Sevoflourane
100. Pediculosis papebraum is caused by  
a. Body louse  
b. Pubic louse  
c. Head louse  
d. Pediculosis semian species
101. Congenital atresia is seen most commonly in which location  
a. Ileal  
b. Doudenal  
c. Proximal colon  
d. Distal colon
102. According to Samson's theory endometriosis is caused by  
a. Lymphatic embolization  
b. Hormonal imbalance  
c. Endometrial metaplasia  
d. Transmembrane permeation
103. The maturation of graafian follicles is best monitored by  
a. Endometrial biopsy  
b. Transvaginal ultrasound  
c. Progesterone levels  
d. Temperature changes
104. Primary ovarian failure is treated by  
a. GnRH levels  
b. FSH  
c. Oestrogen and progesterone supplementation  
d. Bromocriptine
105. In median episiotomy which of following is seen  
a. Increased blood loss  
b. Increased dyspareunia later  
c. Increased pain
106. The type of uroporphyrinogens and coproporphyrinogens seen in congenital erythropoietic porphyreas is  
a. Type I  
b. Type II  
c. Type III  
d. Type IV
107. Suicidal attempts are more commonly seen all of the following except  
a. Old age  
b. Severe depression  
c. Panic attacks  
d. Bipolar disorder
108. Single gene disorder causes all of the following diseases except  
a. Familial hypercholesteroleamia  
b. HOCM  
c. Systemic hypertension  
d. Sickle cell disease
109. Post ovulation there is a rise in all of the following hormones except  
a. Estradiol  
b. Estriol  
c. Progesterone  
d. Inhibin
110. Which of the following is not a contraindication for trial of labour  
a. Breech  
b. Central placenta previa  
c. Hysterotomy  
d. Post myomectomy
111. Sodium retention is seen in use of  
a. Triamcinolone  
b. Hydrocortizone  
c. Prednisolone  
d. Corticosterone
112. In benign prostatic hyperplasia all of the following are seen except  
a. Increased trabeculations in bladder  
b. Enlargement of lateral lobes of prostate  
c. Detrusor instability  
d. Narrowing of urethra
113. All of the following are seen in bronchial cyst except  
a. Lined by squamous epithelium  
b. Arise from 1<sup>st</sup> bronchial cleft  
c. May be transilluminant  
d. May contain cholesterol
114. All of the following cause increase in acid secretion except  
a. Acetyl choline  
b. Histamine  
c. Gastrin  
d. Prostaglandins
115. All of the following are seen in COPD except  
a. Descent of trachea during inspiration  
b. Decreased compliance  
c. Decreased FeV1/Vc ratio  
d. Increased residual volume
116. Which of the following is not a stage of Pneumonia is  
a. Congestion

- b. Resolution  
c. Organization  
d. Hepatization
117. Avascular necrosis is seen in all of the following except  
a. Upper end of humerus  
b. Body of talus  
c. Head of femur  
d. Scapula
118. In a patient with congenital pseudoarthrosis of tibia treatment is by  
a. Excision  
b. Fibular grafting  
c. Arthrodesis  
d. Open reduction, bone grafting and internal fixation
119. Unstable injury of the spine is seen in  
a. Flexion injury  
b. Compression injury  
c. Flexion-rotation injury  
d. Extensor injuries
120. Potassium is absorbed in  
a. Thick ascending limb of henle  
b. Proximal convoluted tubule  
c. Distal convoluted tubule  
d. Collecting duct
121. Egg on cup appearance in intravenous urography is seen in  
a. Pappillary necrosis  
b. Megacalyces  
c. Medullary sponge kidney  
d. Adult polycystic kidney disease
122. An elderly but healthy patient with a 4 part fracture of the proximal humerus is best treated by  
a. Cuff and sling  
b. K-wire fixation  
c. Open reduction and internal fixation
123. All of the following features are seen in an infant of cerebral palsy except  
a. Decreased physical activity  
b. Unable to suck  
c. Fisting of hand is seen  
d. Flexor hypertonia
124. Granular IgA deposition in histological examination is seen in which of the following skin disorders  
a. Bullous pemphigoid  
b. Pemphigus Vulgaris  
c. Dermatitis Herpetiformis  
d. Herpes Gestationalis
125. All of the following are intrinsic causes of skin lesions except  
a. Atopic dermatitis  
b. Psoriasis  
c. Photosensitive allergic contact dermatitis  
d. Seborrheic dermatitis
126. In all of the following disorders virus has been implicated as causative agent except  
a. Condyloma acuminata  
b. Condyloma lata  
c. Molluscum contagiosum
127. The A-V fistula made in dialysis is associated with all of the following complications except  
a. High output heart failure  
b. Primary thrombus  
c. Deep vein thrombus  
d. Aneurysm formation
128. A painter complains of pain in the shoulder joint during work. The most likely cause is  
a. Rotator cuff injury  
b. Bicipital tendinitis  
c. Subacromial bursitis  
d. Acromioclavicular disruption
129. All of the following are true about osteoporosis except  
a. Milkman's fracture  
b. Bending of long bones  
c. Hypercalcemia  
d. Vertebral compression fractures
130. Cutaneous manifestations of AIDS commonly include  
a. Atopic dermatitis  
b. Discoid lupus  
c. Seborrheic dermatitis  
d. Lichen planus
131. Lupus pernio is skin lesion associated with  
a. Tuberculosis  
b. Sarcoidosis  
c. Syphilis  
d. Histoplasmosis
132. Septic ulcer has which type of edge  
a. Undermined  
b. Pearly  
c. Everted  
d. Sloping edge
133. The triangle between the three points in the elbow is not disrupted in which of the following  
a. Posterior dislocation of elbow  
b. Lateral condyle fracture  
c. Supracondylar fracture  
d. Medial condyle fracture
134. Horizontal transfer of R factor occurs from one bacteria to another by  
a. Transformation  
b. Transversion  
c. Conjugation  
d. Transduction
135. A study revealed the following data-1,3,8,4,5 and 3. The mean and median of the above data is  
a. 3.5 and 4  
b. 4 and 3.5  
c. 4 and 3  
d. 4 and 4
136. To calculate the confidence limits the indices used are  
a. Mean and range  
b. Median and standard error  
c. Mean and standard error  
d. Mode and standard deviation
137. Subclinical cases are not seen in which of the following  
a. Mumps

- b. Chicken pox  
c. Typhoid  
d. Diphtheria
138. Free DNA is transferred across the cell membranes by  
a. Transformation  
b. Transduction  
c. Conjugation  
d. Transversion
139. Which of the following is an atypical antipsychotic drug  
a. Risperidone  
b. Clozapine  
c. Pimozide  
d. Sertraline
140. In malaria the type of cells which are responsible for recurrence is  
a. Shizonts  
b. Hypnozoites  
c. Merozoites  
d. Sporozoites
141. Exchange transfusion is required when the hematocrit in the infant reaches  
a. 60  
b. 65  
c. 70  
d. 75
142. Carrier state is not seen in which of the following  
a. Whooping cough  
b. Diphtheria  
c. Typhoid  
d. Polio
143. The Ty21a vaccine for typhoid can be given to children after what age  
a. 2 yrs  
b. 6 yrs  
c. 8yrs  
d. 10yrs
144. All of the following are normal physiologic changes that can be seen in pregnancy except  
a. 3<sup>rd</sup> heart sound  
b. diastolic murmur  
c. systolic apical murmur  
d. Apical impulse in 4<sup>th</sup> space
145. The string of beads appearance is seen in which of the following  
a. Small bowel obstruction  
b. Intussusception  
c. Crohns disease  
d. Diverticulosis
146. Russel bodies are seen in which of the following  
a. Transformed lymphocytes  
b. Aging plasma cells  
c. Hypersegmented neutrophils  
d. Platelets
147. Which of the following is true about Aschoff bodies  
a. Fibrinoid necrosis  
b. Perivascular location  
c. Multinucleated histiocytes  
d. B lymphocytes infiltration
148. All of the following are true about diphtheria except  
a. One infection causes life long immunity  
b. Incubation period is 2-5 days  
c. Subclinical cases are more common  
d. Nasal carriers are most dangerous
149. Adrenaline is not used along with local anaesthesia in which of the following areas  
a. Epidural space  
b. Lower limb  
c. Penis  
d. Back
150. Most common site of breast carcinoma is in which of the following areas of the breast  
a. In the region of the nipple  
b. Inner lower quadrant  
c. Upper outer quadrant  
d. Upper inner quadrant
151. Worst prognosis in breast carcinoma is seen in  
a. Colloid  
b. Lobular  
c. Inflammatory  
d. Papillary
152. Double duct sign is seen  
a. Benign biliary stricture  
b. Combined biliary and pancreatic duct obstruction  
c. Malignant biliary stricture  
d. Doudenal obstruction
153. Which of the following is not a coccobacilli  
a. H. Influenza  
b. Bordetella  
c. Brucella  
d. Pseudomonas
154. Blood broth contains blood and broth in what ratio  
a. 1:2  
b. 1:5  
c. 1:10  
d. 1:20
155. Growth rate of bacteria is constant in which of the following phases of bacterial growth curve  
a. Log phase  
b. Lag phase  
c. Exponential phase  
d. Stationary phase
156. Intracellular bacteria have prolonged survival by inhibiting  
a. Formation of phagolysosomes  
b. Hydrolase  
c. Catalase  
d. Hydrogen peroxide
157. When the environmental temperature is more than the body temperature the loss of heat occurs through which of the following mechanisms  
a. Radiation  
b. Evaporation  
c. Conduction  
d. Convection



158. When a substance is added to prevent growth of one bacteria which at the same time makes it conducive for the growth of another bacteria is referred to as
- Enriched media
  - Enrichment media
  - Selective media
  - Differential media
159. A virulent strain refers to one which
- Has ability to invade the body and multiply
  - Has a high percentage of bad cases as compared to all cases with clinical presentations
  - The number of clinical cases being high
160. Inherent virulence of an organism is due to all of the following except
- Capsule
  - Lipid A
  - Adhesin
  - Lysozyme
161. Superior quadrantanopia in children is due to
- Migraine
  - Optic neuritis
  - Temporal lobe tumor
  - Pituitary lesion
162. Photostress testing is used to test for functioning of
- Occipital lobe
  - Macula
  - Optic nerve
  - Optic tract
163. Exudative retinal detachment is seen in which of the following
- Penetrating injuries
  - High myopia
  - Pre-eclampsia
  - Chorioretinal degeneration
164. Photopsia is seen in
- Optic neuritis
  - Retinal detachment
  - Open angle Glaucoma
  - Myopia
165. Which part of the lens undergoes changes in shape during accommodation
- Posterior peripheral part
  - Posterior central
  - Anterior peripheral part
  - Anterior central
166. For chemical analysis the best transport media is
- Spirit
  - Formalin
  - Saturated salt solution
  - Chloroform
167. Macular sparing is seen in lesions occurring in
- Optic nerve
  - Optic tract
  - Occipital lobe
  - Lateral geniculate body
168. Scleromalacia perforans is seen in
- Rheumatoid arthritis
  - Sicca syndromes
  - Vitamin A deficiency
  - Herpetic keratitis
169. In a patient with diffuse macular retinopathy the treatment would be
- Pan retinal photocoagulation
  - Grid pattern macular photocoagulation
  - Macular ablation
  - Pan macular photocoagulation
170. Prostanoids are used in all of the following except
- To maintain PDA before surgery
  - Gastric ulcer to protect from adverse effects of NSAIDS
  - Glaucoma
  - In platelet coagulation disorders
171. The temperature ideally preferred to preserve the body for post-mortem examination is
- 10 degrees
  - 0 degrees
  - 4 degrees
  - 10 degrees
172. Grievous injury comes under which of the following IPC acts
- 420
  - 320
  - 302
  - 300
173. The drug which is used along with interferons in the treatment of hepatitis C is
- Lamuvudine
  - Ribavirin
  - Flucytosine
  - Amantidine
174. The human development index score is
- 32
  - 44
  - 49
  - 58
175. Which of the following is a non parametric test
- Wilcoxin F test
  - Chi square test
  - T test
  - Mann Whitney U test
176. The saturation curve of haemoglobin shifts to right in
- Increase PaCo<sub>2</sub>
  - Decreased pH
  - Increased 2,3 DPG
  - Foetal haemoglobin
177. Increased salivation is seen in death due to which of the following
- Strangulation
  - Hanging
  - Drowning
  - Cyanide poisoning

178. For fixation of slide to visualize in electron microscopy the substance used is
- Gluteraldehyde
  - Formalin
  - Nitric oxide vapour
179. In extrinsic clotting mechanism the activation of the pathway occurs by
- Factor II
  - Factor XII
  - Tissue thromboplastin
  - Factor VIII
180. Intra-neuronal second messenger is
- Calmodulin
  - Neuropeptide Y
  - Fragmin
181. Which of the following is having quaternary structure
- Haemoglobin
  - Myoglobin
  - Alpha 1 antytrypsin
  - Potassium
182. Intracranial lesion where macular sparing occurs is in
- Frontal lobe
  - Optic tract
  - Lateral geniculate body
  - Occipital lobe
183. The most common site of involvement of tuberculosis in larynx is
- Posterior commissure
  - Subglottic region
  - Vocal cords
  - Epiglottis
184. When there is disparity between colposcopic findings and Pap smear the next step would be to do
- Hysterectomy
  - Cone biopsy
  - Punch biopsy
  - Repeat pap smear
185. Which of the following diseases is not notifiable by WHO
- Cholera
  - Yellow fever
  - Plague
  - Polio
186. Bacteroids cause which of the following
- Carbuncle
  - Furuncle
  - Necrotizing fasciitis
187. Adenosine is used in treatment of all of the following arrhythmias except
- SVT
  - Atrial flutter
  - Paroxysmal atrial tachycardia
  - Arrhythmia with aberrant tracts
188. The wear and tear pigment in the body refers to
- Methemoglobin
  - Rhodopsin
  - Lipofuscin
  - Bilirubin
189. Which of the following extracellular fluids would have high K and low Na
- CSF
  - Endolymph
  - Ectolymph
  - Synovial fluid
190. The Glasgow coma scale utilizes all of the following indices except
- Eye
  - Bladder control
  - Motor
  - Verbal
191. Weight divided by height raised to 2 is used as an index is known as
- Boca's index
  - Quetlet's index
  - Ponders index
192. The drug which is used in the prophylaxis of pre-eclampsia is
- Valproate
  - Aspirin
  - Heparin
  - Prochlorperazine
193. The test which is not done to test for pasteurisation is
- Methylene blue test
  - Coliform count
  - Plate test
  - Phosphatase test
194. Conversion disorder is
- Hysteria
  - Fugue
  - Malingering
195. In use of doxorubicin the toxicity to the heart can be prevented by use of which of the following
- Amifostine
  - Desrezoxazone
  - Flucytosine
  - Carboplatin
196. The slope in the partogram is in the shape of
- Hyperbola
  - Parabola
  - Sigmoid
  - Linear
197. Schatzki's rings are
- Convolutions in the upper esophagus due to tumor
  - Lower esophageal sphincter spasms
  - Constriction ring in the lower esophagus
  - Diverticula in the mid esophagus causing esophageal spasm
198. The half life of iridium used in brachytherapy is
- 6 days
  - 6 months
  - 6 years
199. Manchuosen by proxy is
- Factitious disorder
  - Malingering

- c. Hysteria  
d. Conversion disorder
200. Epiphyseal dysgenesis is seen in which of the following  
a. Rickets  
b. Scurvy  
c. Hypothyroidism  
d. Osteoporosis
201. Intracerebral calcification is seen most commonly in  
a. Cytomegalovirus  
b. Herpes  
c. Cryptococcus  
d. Histoplasmosis
202. Inversion of uterus is associated with shock due to which of the following reasons  
a. Blood loss  
b. Peritoneal stretching  
c. Vagus hyperstimulation  
d. Infection
203. The areas draining to the inguinal nodes include all of the following except  
a. Anal canal  
b. Ischiorectal fossa  
c. Vagina  
d. Popliteal region
204. Shaving of the part to undergo surgery is ideally to be done  
a. The previous day  
b. Can be done 6 hours before surgery  
c. Just before surgery  
d. 48 hours before surgery
205. The most specific marker in DIC is  
a. Fibrinogen assay  
b. D dimer assay  
c. APTT  
d. Bleeding time
206. The bias in a study can be prevented by using which of the following studies  
a. Case control study  
b. Cohort study  
c. Cross sectional study  
d. Randomized control trials
207. The characteristic feature of trachoma is presence of  
a. Follicles in bulbar conjunctiva  
b. Follicles in Palpebral conjunctiva  
c. Papillae in bulbar conjunctiva  
d. Follicles over the cornea
208. The gene known as the guardian gene or the policeman gene is  
a. Abl gene  
b. P53  
c. Myc  
d. Neu
209. The antibiotic prophylaxis in surgery is given  
a. 3 days prior to surgery  
b. 48 hours before  
c. Just before surgery  
d. One week before surgery
210. The surgical division of the lobes of the liver is by  
a. Falciform ligament  
b. Caudate lobe  
c. Hepatic portal vein  
d. Hepatic artery
211. The fertility rate is maximum restored if tubectomy has been realigned at what region  
a. Isthmo-isthmic  
b. Fimbrial end  
c. Ampullary segment  
d. Interstitial segment
212. Pethidine differs from morphine in  
a. Constipation  
b. Having cough suppressant properties  
c. More sedation  
d. Spasm of sphincter of oddi
213. A beta 1 blocker with beta 2 agonistic activity is  
a. Esmolol  
b. Carvedilol  
c. Celiprolol  
d. Sotalol
214. All of the following are type II hypersensitivity reactions except  
a. Hemolytic anemia  
b. Myasthenia Gravis  
c. Arthus reaction  
d. Good Pastures syndrome
215. The most common cause of stricture in the bile duct is due to  
a. Ascending cholangitis  
b. Post surgery-Cholecystectomy  
c. Malignancy  
d. Sclerosing cholangitis
216. The best procedure done for ectopic pregnancy which has least recurrence rate is  
a. Salpingotomy  
b. Salpingolysis  
c. Resection and end to end anastomosis  
d. Salpingo-ophorodesis
217. The worst prognosis in carcinoma endometrium is seen in which of the following types  
a. Papillary type  
b. Adenocarcinoma  
c. Squamous type  
d. Clear cell type
218. The number of ATP's hydrolysed in the synthesis of proteins for formation of 1 peptide bond is  
a. 1  
b. 2  
c. 3  
d. 4
219. Pharmacogenetics refers to  
a. The variation in the metabolism of the drugs.  
b. The variation in the response of the drug due to genetic differences  
c. The genetic mutation induced by the drug
220. The precursor amino acid in formation of urea is  
a. Aspartic acid  
b. Arginine

- c. Glutamate
  - d. Ornithine
221. Septic ulcer has which type of edge
- a. Pearly
  - b. Everted
  - c. Sloping edge
  - d. Undermined
222. All of the following hormones increase following ovulation except
- a. Estradiol
  - b. Estriol
  - c. Progesterone
  - d. Inhibin
223. Inferior rib notching is seen in all of the following except
- a. Marfans syndrome
  - b. Neurofibromatosis
  - c. Blaulok Tausig shunt
  - d. Coarctation of aorta
224. All of the following cause increase in acid secretion except
- a. Prostaglandins
  - b. Acetyl choline
  - c. Histamine
  - d. Gastrin
225. In lesion of ventromedial nucleus of hypothalamus there will be
- a. Decreased thirst
  - b. Hypersomnia
  - c. Hyperphagia
  - d. Anorexia

