

MISCELLANEOUS

- Regarding serratus anterior muscle which is incorrect?**
 - Multipinnate muscle
 - Lifts arm above the shoulder
 - Supplied by long thoracic nerve
 - Originates from lower eight ribs
- The treatment of choice for atticointral variety of chronic suppurative otitis media is:**
 - Mastoidectomy
 - Medical management
 - Underlay myringoplasty
 - Insertion of ventilation tube
- All of the following are the complications in the new born of a diabetic mother except?**
 - Hyperbilirubinemia
 - Hyperglycemia
 - Hypocalcemia
 - Hypomagnesemia
- The correct line of management in child who has swallowed a coin is?**
 - Fiber optic endoscopy
 - Rigid endoscopy
 - Laparotomy
 - Wait and Watch
- Helper cells belong to?**
 - T cells
 - Macrophages
 - B cells
 - Monocytes
- Mac Ewen's triangle can be felt through the?**
 - Superior conchae
 - Cymba conchae
 - Middle conchae
 - Posterior part of auricle
- Most common strain of E.coil giving rise to traveller's diarrhoea is?**
 - Entero-invasive E.coil
 - Entero-pathogenic E.coil
 - Entero-toxigenic E.coil
 - Entero-aggregative E.coil
- With urine turning green on ferric chloride test, the diagnosis is:**
 - Phenylketonuria
 - Alkaptonuria
 - Multiple carboxylase deficiency
 - Glutaric aciduria
- For assessing the ability of protein utilisation the best index is?**
 - Urea
 - Uric acid
 - Blood ammonia
 - Urinary nitrogen content
- Screening test is not useful when?**
 - Incidence of the disease
 - Incidence is low in the community
 - Early detection leads to favorable outcome
 - The disease has a lead time
- Nerve not related to humerus is?**
 - Radial
 - Median
 - Axillary
 - Musculocutaneous
- What is the percentage of chances of hydatidiform mole to develop choriocarcinoma?**
 - 5%
 - 15%
 - 50%
 - 80%
- Vasomotor reversal of Dale is because of?**
 - Block of alpha receptors
 - Block of alpha & beta receptors
 - Agonistic action on alpha receptors
 - Adrenaline only
- Primary visual field is situated around the _____ sulcus?**
 - Central
 - Calcarine
 - Superior temporal
 - Inferior occipital
- Medical treatment for BPH includes?**
 - Finesteride
 - Methyl testosterone
 - Oestrogens
 - Osmic acid
- Anterior dislocation of shoulder causes all except?**
 - Circumflex artery injury
 - Avascular necrosis head of humerus
 - Brachial plexus injury
 - Chip fracture scapula
- HIV is a?**
 - Retrovirus
 - Flavivirus
 - Oncovirus
 - Arbovirus
- In shigella dysentery associated hemolytic uremic syndrome, the false statement is?**
 - Leucocytosis
 - Neurological abnormalities
 - Hepatic failure
 - Thrombotic angiopathy
- Dengue hemorrhagic fever is caused by?**
 - Type I serotype
 - Reinfection with the same serotype of dengue virus

- c. Reinfection with the different serotype of the dengue virus
d. Reinfection in immunocompromised host
20. **When the sample size is less than 30, one of the following modifications is made in the formula of standard deviation?**
a. Numerator is increased
b. Denominator is decreased
c. Both numerator and denominator are changed
d. Numerator is decreased
21. **Oesophagus receives blood supply from all except?**
a. Inferior thyroid artery
b. Inferior phrenic artery
c. Internal mammary artery
d. Bronchial artery
22. **All are penicillinase resistant except?**
a. Methicillin
b. Nafcillin
c. Penicillin
d. Dicycloxillin
23. **Mild hemolytic anaemia is associated with vitamin.. . Deficiency?**
a. B6
b. E
c. A
d. C
24. **Trimethoprim acts by?**
a. Inhibiting DHFR
b. Inhibiting cell metabolism
c. Inhibiting DNA
d. Inhibiting RNA
25. **Paradoxically split second heart sound signifies severe?**
a. Pulmonary stenosis
b. Mitral stenosis
c. aortic stenosis
d. tricuspid stenosis
26. **Riboflavin nutritional status is assessed by?**
a. Xanthine oxidase levels in RBC's
b. Glutathione reductase activation in RBC's
c. Urine excretion of Riboflavin
d. Cytochrome C reductase levels in kidneys
27. **Provision of free medical care to the people at government expense is known as?**
a. State medicine
b. Social therapy
c. Social medicine
d. Social insurance programme
28. **Shortest sacrocytoid diameter causing narrowing of pelvis is a feature of which type of maternal pelvis?**
a. Android
b. Gynaecoid
c. Platypelloid
d. Anthropoid
29. **What is Bennett's fracture?**
a. Fracture dislocation of base of first metacarpal
b. Fracture dislocation of base of first metatarsal
c. Fracture of first metatarsal
d. Fracture of first metacarpal
30. **All the following techniques are helpful in the diagnosis of haemoglobinopathies, except?**
a. Alkali denaturation test
b. Cellulose acetate electrophoretic
c. Sickling test
d. Osmotic fragility test
31. **Which of the following is not likely in patients taking amiodarone?**
a. Pulmonary fibrosis
b. Hypothyroidism
c. Hyperthyroidism
d. Gynaecomastia
32. **Which of the following helps in preventing colon cancer?**
a. High fiber diet
b. Selenium
c. Antioxidants
d. Fatty food
33. **Most common site of obstruction in gallstone ileus is?**
a. Colon
b. Ileum
c. Jejunum
d. Duodenum
34. **Cadaveric spasm**
a. Instant in onset
b. Confined to small group of muscles
c. Occurs only in voluntary muscles
d. All of the above
35. **The radionuclide used for ventriculography is**
a. Thallium
b. Technetium
c. Gallium
d. Potassium
36. **"Signet ring cells" are seen in?**
a. Carcinoma cervix
b. Carcinoma endometrium
c. Krukenberg tumour
d. Carcinoma vulva
37. **Cimetidine was synthesized by?**
a. Black
b. Upjohn
c. Lindsay
d. Lilly
38. **Nutritional status of children between 04 years in a community can be assessed by all except?**
a. Mortality in 04 years
b. Birth weight of less than 2.5 gm
c. Maternal Hb < 11.5 g/dl/
d. Height and weight of all preschool children
39. **Pulmonary fibrosis in Bronchogenic carcinoma of lung may follow exposure to?**
a. Coal dust
b. Silica

- c. Asbestos
d. Bagasse
40. **Ejection fraction increases with?**
a. Decrease endsystolic volume
b. Decrease enddiastolic volume
c. Decreased peripheral resistance
d. Venodilation
41. **Which is NOT visualized on posterior rhinoscopy?**
a. Eustachian tube
b. Inferior meatus
c. Middle turbinate
d. Posterior border of nasal septum
42. **Which one of the following would cause a metabolic acidosis is with a normal anion gap?**
a. Renal tubular acidosis
b. Acute renal failure
c. Diabetic ketoacidosis
d. Aspirin overdose
43. **All of the following organs contain aneurysm in polyarteritis nodosa except?**
a. Liver
b. Lung
c. Kidney
d. Pancreas
44. **Diphtheria toxin acts by?**
a. Inhibiting Acetyl Choline release
b. Inhibiting glucose transport
c. Increasing levels of Cyclic AMP
d. Inhibiting protein synthesis
45. **Smokeless gun powder is composed of?**
a. $KMnO_4$
b. HCN
c. Nitrocellulose
d. Sulphur
46. **Cetuximab (an EGFR antagonist) can be used in?**
a. Palliation in head and neck cancer
b. Anal canal carcinoma
c. Gastric cancer
d. Small cell lung carcinoma
47. **The formula showing relations of pressure, thickness and radius?**
a. Laplace formula
b. Ohm's law
c. Pascal's law
d. Poisseulle's formula
48. **Dapsone is useful for treating all except?**
a. Leprosy
b. Dermatitis Herpetiformis
c. Madura Foot
d. Lymphoma
49. **The most important factor to overcome protein energy malnutrition in children less than 3yrs is;**
a. Suply of subsidized food from ration shop
b. Early supplementation of solids in infants
c. immunization to the child
d. Treatment of anaemia and pneumonia in infant and toddlers
50. **The binding of 2,3 BPG to Hemoglobin is to?**
a. Carboxyterminal
b. Amino terminal
c. Sulphydryl groups
d. None of the above
51. **Dissociate anaesthesia is described with which of the following?**
a. Propofol
b. ketamine
c. Thipental
d. Halothane
52. **In colour Doppler the colour depends upon?**
a. Strength of returning echo
b. Relation of transducer to blood flow
c. Frequency of Doppler used
d. Type of Doppler machine used
53. **The commonest cause of breech presentation is:**
a. Prematurity
b. Hydrocephalus
c. Placenta praevia
d. Polyhydramnios
54. **Which of the following pathologic processes in an example of dysplasia?**
a. Actinic keratosis
b. Chronic cystitis
c. Chronic bronchitis
d. Ulcerative colitis
55. **True regarding tubercular meningitis:**
a. Generally occurs as dissemination of a miliary tuberculosis
b. The cranial nerves frequently are involved
c. The most common affected leptomeninges are at the base of the brain
d. Communicating and obstructive hydrocephalus cortical abscesses, and empyemas are very uncommon complications
56. **Haemostasis means?**
a. Coagulation
b. Maintenance of electrolyte balance
c. Sufficient hydration
d. Arrest of bleeding
57. **The average coronary blood flow in human being at rest is _ % of cardiac output ?**
a. 4.5%
b. 510%
c. 1015%
d. 1520%
58. **Rigor mortis first starts in?**
a. Upper eyelids
b. Lower eyelids
c. Lower limbs
d. Fingers
59. **Madura foot is caused by?**
a. Blastomycosis

- b. Nocardia
c. Candida albicans
d. Tinea versicolor
60. **Population of 10000, birth rate 36 per 1000, 5 maternal deaths, the MMR is?**
a. 14.5
b. 13.8
c. 20
d. 5
61. **Which of the following is not in WHO surveillance?**
a. Rabies
b. Influenza
c. Malaria
d. Varicella
62. **The cause of breech presentation are all except?**
a. Previous caesarean section
b. Placenta previa
c. Contracted pelvis
d. Oligohydramnios
63. **True about minoxidil is?**
a. Increases hair growth
b. Antihypertensive
c. Both
d. None
64. **Cold agglutinins are seen in?**
a. Mycoplasma pneumonia
b. Psittacosis
c. Legionella pneumonia
d. TB
65. **No. of negative stools mandatory to release a case from isolation in typhoid?**
a. 3 samples same day
b. 2 samples on first day and 1 sample on the second day
c. 1 sample of first day and 2 samples on the second day
d. 3 samples on 3 separate days
66. **The most specific feature of death due to hanging is?**
a. Tardieu spots
b. Ligature mark
c. Fracture of thyroid cartilage
d. Dribbling of saliva
67. **Cauliflower ear is due to?**
a. Haematoma
b. Carcinoma
c. Fungal infection
d. Herpes
68. **Following agents have effects on the NMJ, EXCEPT**
a. Curare
b. Decamethonium
c. Succinylcholine
d. Hexamethonium
69. **Entamoeba, which is not found in gut?**
a. E.coli
b. E.histolytica
c. E.gingivalis
d. E.nana
70. **most deaths involving placenta previa result from?**
a. Infection
b. Toxemia
c. Hemorrhage
d. Thrombophlebitis
71. **Tympanic plexus is formed by?**
a. Tympanic branch of glossopharyngeal nerve
b. Vagus nerve
c. Facial nerve
d. mandibular nerve
72. **Prolactin?**
a. Facilitates
b. Prevents ovulation in lactating women
c. In responsible for formation of corpus luteum
d. Is responsible for progesterone secretion
73. **Herpes zoster involves?**
a. Otic ganglion
b. Gasserian ganlion
c. Geniculate
d. Celiac ganglion
74. **In wolfparkinson white syndrome, there exist a connection between atria and?**
a. Bundle of His
b. Ventricles
c. AV node
d. Purkne fibres
75. **Polyhydramnios is seen in all the following except:**
a. Diabetes
b. Renal agenesis
c. Esophageal atresia
d. Hydronephrosis
76. **Following is the adjuvant for the treatment of nephrotic syndrome?**
a. levamisole as immunomodulant
b. B.complex
c. cyclosporin
d. steroid
77. **Subarachnoid Haemorrhage is diagnosed by?**
a. Lumbar puncture
b. CT scan
c. MRI
d. Xray skull
78. **Disturbances of affect include all except?**
a. Panic
b. Apathy
c. Phobia
d. Obsession
79. **Deep transverse arrest is seen in?**
a. Occipitoposterior position
b. Occipitoanterior position
c. Breech delivery
d. Face presentation

80. Kallu, a 25 yr male pt. presented with a red eye and complains of pain, photophobia, watering and blurred vision. He gives a history of trauma to his eye with a vegetable matter. Corneal examination shows a dendritic ulcer. A corneal scraping was taken and
- Herpes simplex
 - Acanthambea
 - Candida
 - Aeno virus
81. Glass vessels and syringes are best sterilised by
- Hot air oven
 - Autoclaving
 - Irradiation
 - Ethylene oxide
82. Management of extradural hemorrhage is:
- Immediate evacuation
 - Evacuation after 24 hrs
 - Antibiotics
 - Observation
83. A PostThyroidectomy patient develops signs and symptoms of Tetany. The management is?
- I.v. Calcium gluconate
 - Bicarbonate
 - Calcitonin
 - Vitamin D
84. The most effective treatment in the early stages of trachoma is?
- Penicillin locally
 - Choromycetin systemically
 - Sulphonamides systemically
 - Soframycin locally
85. Ideal treatment of Tinosporidiosis is:
- Rifampicin
 - Excision with cautery at base
 - Dapsone
 - Laser
86. Epithelium of cornea is?
- Pseudostratified
 - Transitional
 - Stratified squamous keratinized
 - Stratified squamous nonkeratinised
87. Bagasosis can be prevented by spraying Bagasse with?
- 10% acetic acid
 - 5% acetic acid
 - 1% propionic acid
 - 2% propionic acid
88. Mc Ardles disease is due to the deficiency of?
- Glu 1 phosphatase
 - Gluc1, 6 diphosphatase
 - Gluc 6 phosphatase
 - Myophosphorylase
89. Satiety center in hypothalamus is regulated by?
- Gastric dilatation
 - Blood glucose levels
 - Blood insulin levels
 - All of the above
90. Coagulative necrosis is seen in all except?
- Myocardial infarction
 - Burns
 - Tuberculosis
 - Zenker's degeneration
91. The relationship between incidence and prevalence can be expressed as the?
- Product of incidence and mean duration of disease
 - Divident of incidence and mean duration of disease
 - Sum of incidence and mean duration of disease
 - Difference of incidence and mean duration of disease
92. In twin pregnancy, treatment of choice when first baby is in transverse lie is:
- Home delivery
 - Cesarean section
 - High forceps
 - Low forceps after external rotation
93. Coose among the following the most important lab finding in nephrotic syndrome?
- BJ protine
 - hyperkalemia
 - hypoalbuminemia
 - hypertension
94. Which statement is not true regarding Cryptic military Tuberculosis?
- Xray diagnosis is possible
 - It is seen in PEM Children
 - Mntoux test is negative
 - Leucocytosis is seen
95. Commonest histology of carcinoma of endometrium is?
- Squamous cell
 - Clear cell
 - Adeno carcinoma
 - Anaplastic carcinoma
96. True regarding Felty's syndrome is all EXCEPT
- Splenomegaly
 - Rheumatoid arthritis
 - Neutropenia
 - Nephropathy
97. The true statement about Zenker's diverticulum is;
- It is outpouching of ant.pharyngeal wall above the cricopharyngeus muscle
 - Barium swallow lateral view for diagnosis is the best investigation
 - it is a true diverticulum
 - it is congenital
98. Which of the following statements about aging is true?
- Zoo animals have shorter lifespans than animals in their normal habitat
 - All animal species have approximately the same lifespan
 - Men are programmed to live longer than women.
 - Identical twins have a natural lifespan of approximately similar duration
99. Characteristic features of kwashiorkor include following EXEPT?
- Anorexia

- b. Flaky paint dermatosis
- c. Hepatomegaly
- d. Splenomegaly

100. **Adrenergic neuron contain which of the following**

- a. Norepinephrine
- b. Acetyl choline
- c. Neuropeptide Y and somatostatin
- d. A and C

101. **NOD2/ CARD15 polymorphism is associated with which of the following**

- a. UC
- b. Crohns disease
- c. Coeliac dis
- d. Carcinoid

102. **60 year old admitted for hip fracture found to have hyperglycemia. which micronutrient deficiency explains this problem**

- a. Chromium deficiency
- b. Copper deficiency
- c. Iron deficiency
- d. Selenium deficiency

103. **32 year old women are considering bariatric surgery. Which of the following would usually be recommended as part of her preoperative evaluation?**

- a. CT of abdomen and pelvis
- b. USG abdomen
- c. Upper GI endoscopy
- d. Manometry.

104. **What is the most common gastric lesion causing severe protein loss**

- a. Menteriers disease
- b. H. Pylori gastritis
- c. Allergic gastroenteropathies
- d. SLE gastroenteropathies

105. **False positive elevations of 5-HIAA levels in urine can result from ingestion of all of the following except**

- a. Melatonin
- b. Methyldopa
- c. Rifampicin
- d. Isoniazid

106. **Which of the following is the most common cause of death in celiac disease**

- a. ulcerative jejunitis
- b. Lymphoma
- c. Malnutrition
- d. Sepsis due to immunoglobulin deficiency

107. **Which of the following is least harmful to pregnant patients and their fetuses during Endoscopy**

- a. Fluoroscopy
- b. Mepridine
- c. Morphine
- d. Benadryl

108. **Imatinib cause all of the following adverse effect except**

- a. Periorbital odema
- b. Myalgia
- c. Myelotoxicity

- d. Photophobia

109. **Which of the following is not related to GERD**

- a. Pregnancy
- b. Post heller myotomy
- c. Prolonged nasogastric tube intubation
- d. Sickle cell disease

110. **Which statement about pepsin is false**

- a. It is produced in inactive proenzyme form
- b. Activation of gastrin require gastric acid
- c. Pepsin is produced in parietal cell
- d. It is inactivated at pH 5

111. **Which of the following tumour do no metastasizes to stomach**

- a. Melanoma
- b. Prostate
- c. Breast ca
- d. Colon ca

112. **Which of the following is most likely to remain asymptomatic**

- a. Annular pancreas
- b. Gastric duplication
- c. Gastric diverticulum
- d. Duodenal cyst

113. **Which of the following is not usually a site of ectopic pancreatic tissue**

- a. Stomach
- b. Proximal jejunum
- c. Meckels diverticulum
- d. Spleen

114. **Which of the following is risk factor for pancreatic cancer**

- a. Alcohol
- b. Tobacco abuse
- c. Chronic steroid use
- d. High dietary diet intake

115. **Fatty acid synthesis occurs in which site of liver**

- a. Cytosol
- b. Nucleus
- c. Mitochondria
- d. Membrane bound protein

116. **Which of the following aids host in defending against intestinal infection**

- a. Intestinal microflora
- b. Adherens
- c. Intestinal acidity
- d. Cytotoxins

117. **Which of the following gastrointestinal signaling agent shown to increase appetite**

- a. Apolipoprotein a
- b. CCK
- c. Ghrelin
- d. Leptin

118. **Paraneoplastic visceral neuropathy is associated with**

- a. Gastric ca
- b. Breast ca
- c. Ovarian ca
- d. Small cell lung ca

119. Which is major anion transporter in colon
- Chloride
 - Bicarbonate
 - Boron
 - Small chain fatty acid
120. What is the volume of fluid that gall bladder can accommodate
- A.10 to 30 ml
 - B.30 to 50ml
 - C.50 to 70 ml
 - D.70to 100 ml
121. Cholesterosis of gall bladder is-
- Frequently present in individuals with cholesterol stones
 - Highly prevalent in certain ethnic groups
 - More common in women
 - Often symptomatic
122. Which of the following condition is not important for pathophysiology of gall stone formation-?
- Cholesterol nucleation
 - Dietary calcium intake
 - Gall bladder hypomotility
 - Genetic factors such as LITH gene
123. For which of the following biliary manometry is most necessary before sphincterotomy
- Type I SOD
 - Type II SOD
 - Type III SOD
 - Type IV SOD
124. A hilar tumor that starts below the confluence of hepatic ducts and reaches the confluence has Bismuth corlette classification of
- Type I
 - Type II
 - Type III a
 - Type IV
125. Which hepatic structure allows a difference in concentration of solutes between cytoplasm and bile canaliculi?
- anchoring junction
 - gap junction
 - lipid raft
 - Tight junction
126. Cholestasis and hepatocellular inflammation develop in a 55 yr. old man after aminopenicillin. Which of the following is most specific for diagnosis?
- drug rechallenge.
 - in vitro testing
 - liver biopsy.
 - peripheral eosinophil count
127. Autoimmune thyroiditis Graves' disease ulcerative colitis is most common extra hepatic manifestation of which of the following
- PBC
 - Celiac disease
 - type I AIH
 - type II AIH.
128. Which of the following is best initial approach to treat systemic hypertension in the absence of volume overload after liver transplantation?
- ACE inhibitor
 - Furosemide
 - nifedipine
 - reduction in dose of immunosuppressant
129. A 56 year old man presented with alcohol related cirrhosis. What is the principle mechanism of liver fibrosis?
- An alcohol mediated free radical injury
 - chronic intra hepatic cholestasis.
 - Increase in matrix degradation
 - increase in stellate cell activation.
130. Diarrhea from cryptosporidiosis is most severe in
- Hiv patients CD4 >700
 - Child bearing woman
 - Patient with immunoglobulin deficiency
 - Adolescent.
131. Most common symptom of acute mesenteric ischemia
- fever
 - abdominal pain
 - nausea vomiting.
 - Bloody diarrhea
132. Which of following is not a gas produced by enteric bacteria
- CH₄
 - CO
 - CO₂
 - H₂
133. Following pair of organisms can reside in biliary tree-
- chlonorchis and strongyloides
 - opisthorchis and enactor
 - ascaris and fasciola.
 - Fasciolopsis and fasciola
134. What is most common finding on XRAY in bowel ischemia -?
- Ileus
 - thumb printing of right colon
 - air in portal vein.
 - normal
135. Most common cause of SIBO secondary to neoplasm-
- carcinoid tumor
 - Advanced colorectal carcinoma
 - Metastatic breast cancer
 - endometrial carcinoma
136. What diameter is considered as threshold for colonic decompression in acute intestinal pseudobstruction-?
- 6 cm
 - 9 cm.
 - 12 cm.
 - 15 cm.
137. What is the initial test of choice for giardiasis?
- Stool ELISA
 - Stool for ova parasite.
 - duodenal aspirate.
 - Stool acid fast stain

- 1330 138.** Which of the following is deficient in Cohn's disease?
- TNF
 - NFκB
 - T-regulatory cell
 - IL-2
- 139.** Vitamin B12 malabsorption will not generally occur until more than how much of ileum is resected
- 10 cm
 - 20 cm
 - 30 cm
 - 40 cm
- 140.** The best duration of treatment to ensure 90% duodenal ulcer healing with H2 receptor antagonist is
- 1 week
 - 2 weeks
 - 4 weeks
 - 8 weeks
- 141.** dysphagia with frequent choking and nasal regurgitation occurs in:
- Achalasia
 - Shatzki's ring
 - Pharyngeal paralysis
 - Diffuse esophageal spasm
- 142.** Chagas' disease may be suspected if a patient has all except
- Constipation
 - Dysphagia
 - Heart failure
 - Jaundice
- 143.** the double stranded hepatitis B virus can survive outside the body for
- six to twelve hours
 - one to two days
 - two to seven days
 - more than seven days
- 144.** In Achalasia the most appropriate long term therapy is:
- Nifedipine
 - Domperidone
 - Metoclopramide
 - Balloon dilatation
- 145.** What is the most effective treatment for solitary rectal ulcer syndrome?
- cortisone enemas
 - mesalamine suppositories
 - mesalamine enemas
 - biofeedback
- 146.** Which of the following cranial muscles does not innervate pharyngeal muscles?
- hypoglossal
 - accessory
 - facial
 - trigeminal
- 147.** The pathogenesis of peptic oesophagitis secondary to GERD is most dependent on which of the following
- gastric acidity
 - pepsin
 - a+b
 - gastric acid and bilirubin
- 148.** You see a 67-year-old man with three month history of weight loss and signs which suggest Pancoast's tumour. Which of the following symptoms from the list below is not associated with a Pancoast's tumour?
- Hoarse voice
 - Miosis
 - Anhydrosis
 - Exophthalmos
 - Ptosis
- 149.** A 63-year-old male was admitted 2 days after discharge following an apparently uncomplicated MI. He complained rapidly worsening, shortness of breath over the previous 48hrs but no further chest pain. He was tachypnoeic and had a regular pulse of 110/minute, which proved to be sinus tachycardia. The jugular venous pressure was raised and a pan-systolic murmur was noted, maximal at the left sternal edge. diagnosis?
- Mitral incompetence
 - Ventricular septal defect
 - Aortic stenosis
 - Dressler's syndrome
 - Further myocardial infarction
- 150.** A 30-year-old man presents to your clinic with a cough and finger clubbing. From the list below, which of these answers is not a respiratory cause of finger clubbing:
- Empyema
 - Mesothelioma
 - Bronchogenic carcinoma
 - Cystic fibrosis
 - COPD
- 151.** Most common complications of typhoid fever
- Intestinal haemorrhage and perforation
 - Orchitis
 - Pancreatitis
 - Myocarditis
- 152.** Mode of transmission of typhoid fever is
- Mosquito borne
 - Faeco-oral
 - IV drug abuse
 - None of the above
- 153.** Typhoid myocarditis leads to
- ECG changes
 - Elevated cardiac enzymes
 - Arrhythmias
 - All of above
- 154.** Salmonella infects
- Ileum
 - Duodenum
 - Stomach
 - Colon
- 155.** Diagnosis of typhoid fever can be made by
- Widal test
 - Salmonella typhi IgM
 - Blood culture
 - All of above

156. Which of the following clinical condition shows compromised immunity:-
- Pregnancy
 - Ageing
 - HIV infection
 - All of the above
157. In general usual treatment protocol of HIV patients with OIs (opportunistic infections) is:-
- HIV therapy to initiate before definitive treatment of OIs is made.
 - Treatment of OIs to initiate first before HIV therapy
 - Both are to be treated simultaneously
 - No particular norm
158. Kaposi's Sarcoma – A viral disease, caused by
- HHV-8
 - HPV
 - EBV
 - HSV
159. Kaposi's Sarcoma is found with CD4 count of
- < 500 cells/ml
 - < 200 cells/ml
 - < 100 cells/ml
 - In any CD4 count
160. Presence of HIV increase TB infection by
- 10 folds
 - 50 folds
 - 100 folds
 - None of the above
161. Most common cause of anemia in pregnancy is
- Folate deficiency
 - Copper deficiency
 - Thalassemia
 - Iron deficiency anemia
162. In pregnancy, following parametres are used as iron deficiency
- Serum iron < 60mcg/dl
 - Serum UIBC > 300 mcg/dl
 - TIBC < 400 mcg/dl
 - Serum ferritin < 30 ng/ml
163. Which of the statement is correct
- Megaloblastic anemia is the commonest cause of anemia in pregnancy
 - Physiological anemia in pregnancy is due to disproportionate increase in red cell mass over plasma volume
 - IV iron can be used in first trimester
 - About 50% of pregnant ladies has iron deficiency anemia in developed countries
164. Following are causes of microcytic hypochromic namia except
- Iron deficiency anemia
 - Thalassemia
 - Sideroblastic anemia
 - Folate deficiency anemia
165. Following are common presenting features of iron deficiency anemia except
- Pica
 - chielitis
 - Glossitis
 - Splenomegaly
166. Anemia in pregnancy is defined as hemoglobin
- Less than 9 gm/dl
 - Less than 10 gm/dl
 - Less than 11 gm/dl
 - Les than 12 gm/dl
167. Maternal and fetal morbidity is more when hemoglobin is
- Less than 10 gm/dl
 - Les than 11 gm/dl
 - Less than 6 gm/dl
 - Less than 9 gm/dl
168. Following are common side effects of oral iron except
- Pain abdomen
 - Diarrhoea
 - Constipation
 - Fever
169. Postpartum anemia is defined as hemoglobin less than
- 10
 - 11
 - 13
 - 8
170. Correct statement is
- All microcytic hypochromic anemia needs iron supplementation.
 - IV iron is contraindicated in pregnancy.
 - Vitamin C deficiency can lead to iron deficiency anemia by reducing absorption of iron.
 - Oral and IV iron should be always used together in pregnant ladies with IDA.
171. Which of the following are first line antihypertensive agents for proteinuric CKD patients?
- ACEIs/ARBs
 - CCBs
 - Diuretics
 - Beta blockers
172. Which is an absolute contraindication to ACEI therapy ?
- unilateral RAS
 - bilateral RAS
 - fluid overload
 - hypokalemia
173. Which ACEI has least incidence of hyperkalemia?
- enalapril
 - ramipril
 - captopril
 - fosinopril
174. Which combination of antihypertensives is to be avoided?
- ACEI and amlodipine
 - ACEI and diuretics
 - Diltiazem and atenolol
 - Metoprolol and prazosin

- 1332 175. Which of the following diuretic has antiproteinuric action?**
- furosemide
 - torsemide
 - indapamide
 - spironolactone
- 176. Which of the following is true; SGLT2 Inhibitors cause:**
- Increase in insulin secretion
 - Retention of Sodium and oedema
 - Natriuresis
 - Loss of extracellular fluid volume
 - High plasma uric acid levels
- 177. Principal action of SGLT2 inhibitors is:**
- Renal glucosuria
 - Reduced food intake
 - Reduced gastric emptying
 - Reduction in LDL levels
 - Inhibition of alpha-glucosidase in the gut
- 178. Significant Cardiovascular Benefit is observed with the following antidiabetic drugs:**
- Sulphonylureas
 - Insulin
 - Alpha-glucosidase inhibitors
 - Pioglitazone
 - SGLT2 Inhibitor Empagliflozin
- 179. Cardiovascular benefit with Empagliflozin within 3-6 months of therapy is possibly partly due to:**
- Reduction of hyperglycemia and HbA1c
 - Weight loss of 2 kg
 - Increase in HDL cholesterol
 - Decreased plasma Triglycerides
 - Diuresis and decrease in Extracellular fluid volume
- 180. Cardiovascular benefit with Empagliflozin within 3-6 months of therapy is possibly partly due to:**
- Decrease in blood pressure
 - Increased plasma ketones
 - Glucagon secretion
 - Decreased arterial stiffness
 - Decreased sympathetic tone
- 181. Clinical practice Guidelines provides all except**
- A more rational basis for referral
 - A focus for continuing education
 - Inefficient use of resources
 - None of the above
- 182. IGH III was published in JAPI in year**
- 2012
 - 2013
 - 2014
 - 2015
- 183. JNC 8 states that in the general population aged ≥ 60 years, initiate pharmacologic treatment if BP is \geq**
- 130/90
 - 140/90
 - 150/90
 - 160/90
- 184. In which IGH the term HFnEF (Heart Failure with normal Ejection Fraction) has been mentioned and explained for use in clinical practice**
- IGH I
 - IGH II
 - IGH III
 - None of the above
- 185. Which recent Hypertension Guideline recognizes ABPM and HBPM as tool with criteria for diagnosis of Hypertension**
- JNC 8
 - NICE
 - IGH III
 - None of the Above
- 186. A 55-year-old man complains of a 4-week history of general malaise and fatigue**
- Investigation
 - Haemoglobin 12 g/dL
 - MCV 90 fL
 - Platelet count $250 \times 10^9/L$
 - WBC $10 \times 10^9/L$
 - Serum iron $10 \mu\text{mol/L}$
 - Total iron-binding capacity $40 \mu\text{mol/L}$
 - Serum ferritin $160 \mu\text{g/L}$
- Thalassaemia
 - Iron deficiency anaemia
 - Anaemia of chronic disease
 - Macrocytic anaemia
 - Aplastic anaemia
- 187. A 55-year-old woman complains of double vision. She is tired all the time and has difficulty climbing stairs. She has difficulty getting items off shelves. Reflexes are absent but elicited after exercise. Initial shoulder abduction is 4/5 but on repeated testing is 4 +/5. What is the pathology associated with this female's diagnosis?**
- Thyrotoxicosis
 - Peptic ulcer
 - Diabetes
 - Stroke
 - Lung cancer
- 188. A neurologist is examining a patient. She takes the patient's middle finger and flicks the distal phalanx, her thumb contracts in response. What sign has been elicited?**
- Chvostek's
 - Glabellar
 - Hoffman's
 - Tinel's
 - Babinski's
- 189. Which of the following is not a cause of absent ankle jerks and up-going plantars?**
- Fredreich's ataxia
 - B12 deficiency
 - Cord compression
 - Motor neurone disease

190. Which of the following extra-intestinal signs is not seen in ulcerative colitis:
- Finger clubbing
 - Erythema nodosum
 - Iritis
 - Sacroiliitis
 - Granuloma annulare
191. A 60-year-old man presents with signs and symptoms associated with pulmonary sarcoidosis which was diagnosed nine months ago. From the list below which of the following is not an extrapulmonary manifestation of sarcoidosis?
- Lupus pernio
 - Anterior uveitis
 - Erythema marginatum
 - Hepatic granuloma infiltration
192. Bedaquiline is the drug for
- Enteric fever
 - TB
 - Filariasis
 - IBS
193. A 44-year-old man presents with non-specific symptoms of fever, shortness of breath and syncope. Blood tests show a raised erythrocyte sedimentation rate (ESR) and a transoesophageal echo shows an atrial myxoma. What is characteristically heard on auscultation in atrial myxoma?
- End-diastolic murmur
 - Loud first heart sound
 - Fourth heart sound
 - Pansystolic murmur
 - Loud third heart sound
194. Hot potato voice is a feature of:
- Hypothyroidism
 - Ludwig angina
 - Oropharyngeal candidiasis
 - parkinsons disease
195. Blue toe syndrome is best related to:
- Frost bite
 - Raynaud's phenomenon
 - Atheroembo
 - AV fistula
196. Multiple myeloma is also known as:
- Kahlers disease
 - Strohls disease
 - Kayles disease
 - Migasha disease
197. Normally neutrophils spend how much time in circulation?
- 2-3 hrs
 - 6-7 hrs
 - 12-24 hrs
 - 24-36 hrs
198. Which of the following is an iron regulatory hormone?
- Ferritin
 - Transferrin
 - Erythropoitin
 - Hepcidin
199. Whipple triad include, A/E
- hypoglycaemic symptom
 - low plasma glucose level
 - relief of symptoms when blood glucose is normal
 - history of insulin use
200. DKA most commonly occurs in
- Type 1 DM
 - Type 2 DM
 - MODY
 - LADA
201. All of the following viruse can cause diabetes mellitus except
- congenital rubella
 - CMV
 - EBV
 - coxsackie
202. DRUGS THAT CAN CAUSE DIABETES MELLITUS A/E
- phenytoin
 - beta blockers
 - thyroid hormone
 - thiazides
203. Which country has highest incidence of type1 DM
- JAPAN
 - CHINA
 - SCANDINAVIA
 - USA
204. American diabetic association(ADA) recommends screening for DM in which of the following
- more than 40 yrs every 3 yrs
 - more than 40 yrs every 1 yr
 - more than 45 yrs every 3 yrs
 - more than 45 yrs every 1 yr
205. DKA is characterised by A/E
- Hyperglycemia
 - Metabolic acidosis PH<7.3
 - Serum bicarbonate >24meq/L
 - ketonuria
206. In women with high risk of GDM screening for glucose intolerance should be done between which weeks of pregnancy
- 3-12
 - 12-24
 - 24-28
 - 28-36
207. If both parents have type 2 DM the risk of developing diabetes is
- 10%-20%
 - 20%-30%
 - 30%-40%
 - 40%-50%
208. Other than insulin beta cells also secrete
- ptyalin
 - amylin
 - amylase
 - lipase

- 1334 209. What proportion of insulin in portal system is degraded by the liver**
- 10%
 - 25%
 - 50%
 - 75%
- 210. When transitioning for insulin infenic to SC insulin regimen in HHS/DKA stop insulin infusion**
- immediately on administration of subcutaneous insulin
 - 5 hrs after administration of subcutaneous insulin
 - 1 to 2 hr before administration of subcutaneous insulin
 - 1 to 2 hr after administration of subcutaneous insulin
- 211. For every 100mg/dl rise in serum glucose serum sodium is reduced by**
- 1meq/l
 - 1.2 meq/l
 - 1.4 meq/l
 - 1.6 meq/l
- 212. Which of the following drug may cause false positive reactions in nitrocrusside test used to detect urine ketones**
- captoprill
 - atrovastatin
 - aspirin
 - azithromycin
- 213. Diabetic foot infection is commonly due to A/E**
- diabetic peripheral neuropathy
 - anaerobic infection
 - peripheral vascular disease
 - recurrent trauma
- 214. 19 yr female with type 1 DM, WHICH OF THE FLOWING DENOTES AUTOIMMUNE CONDITION ASSOCIATED except**
- Vitiligo
 - Dermatitis herpeti fermis
 - Necrolytic migratory erythema
 - goitre
- 215. With insulin therapy in DKA which of the following resolves first**
- acidosis
 - ketosis
 - hyperglycaemia
 - hyperchloremia
- 216. 60 yrs male Type 2 DM on follow up with 1000mg metformin he does SMBG prior to breakfast and prior to dinner HBA1C is 7.4,fasting blood sugar108,pre-dinner 126 average 152 mg%. why there is discrepancy in hba1c and abg**
- unrecognized IDA(iron deficiency anaemia)
 - inaccurate glucometer
 - post prandial blood glucose
 - metformin use
- 217. 50 yr Type2 DM HBA1C 7.0,mild diabetic retinopathy,microalbuminuria,hypertension O/E bp-138/82mm hg,LDL 110,HDL 42,TG 180 according to IDF guidelines**
- glycemic control,hypertension,LDL at target
 - bp at target
 - HDL at target
 - TG,BP at target
- 218. Individuals who have DM for more than 20 years what is the probability of detecting nonproliferative retinopathy**
- 25%
 - 50%
 - 75%
 - 100%
- 219. In a spot urine collection microalbuminaria is defined as**
- 10-100 microgram/mg creatinine
 - 20-200 microgram/mg creatinine
 - 30-300microgram/mg creatinine
 - 40-400 microgram/mg creatinine
- 220. Involvement of which of the following cranial nerve is most common in DM**
- II
 - III
 - VI
 - VII
- 221. Most common partner in dyslipidemia in DM is**
- increase LDLc
 - reduce HDLc
 - increase VLDL
 - increase TG
- 222. Earliest sign of diabetic neuropathy is**
- erectile dysfunction
 - gastroparesis
 - anhidrosis of lower extremity
 - distal Periphaeal neuropathy
- 223. 1% rise in HbA1c translates into how much increase in mean glucose level**
- 15mg/dl
 - 25mg/dl
 - 35mg/dl
 - 45mg/dl
- 224. Anti GAD antibody are present in how many % of type1 DM**
- 50
 - 60
 - 70
 - 80
- 225. In hospital mortality of patients with stress hyperglycaemia compared with afe related inpatient with normoglycaemia increases by factor**
- 3
 - 6
 - 9
 - 18
- 226. AACE and ADA guidelines for management of inpatient hyperglycaemia(mg%)**
- 90-110
 - 110-140
 - 140-180
 - 180-220

227. Exenatide was originally isolated from
- snake venom
 - lizard venom
 - spider venom
 - scorpion venom

Miscellaneous - Answers

1. d	38. c	75. b	112. c	149. d
2. a	39. c	76. d	113. d	150. e
3. b	40. a	77. a	114. b	151. a
4. d	41. b	78. d	115. a	152. b
5. a	42. a	79. a	116. a	153. d
6. b	43. c	80. b	117. c	154. a
7. c	44. d	81. a	118. d	155. d
8. a	45. c	82. a	119. d	156. 4
9. d	46. a	83. a	120. b	157. 1
10. b	47. a	84. c	121. c	158. 1
11. d	48. d	85. b	122. b	159. 4
12. b	49. b	86. d	123. c	160. 3
13. a	50. b	87. d	124. b	161. d
14. b	51. b	88. d	125. d	162. d
15. a	52. b	89. b	126. a	163. b
16. d	53. a	90. d	127. c	164. d
17. a	54. a	91. a	128. c	165. d
18. c	55. d	92. b	129. d	166. c
19. c	56. d	93. c	130. c	167. c
20. b	57. a	94. b	131. d	168. d
21. c	58. a	95. c	132. d	169. a
22. c	59. b	96. d	133. c	170. c
23. b	60. b	97. a	134. d	171. a
24. a	61. d	98. d	135. b	172. b
25. c	62. a	99. d	136. b	173. d
26. b	63. c	100. d	137. a	174. c
27. a	64. a	101. b	138. d	175. d
28. c	65. d	102. a	139. c	176. c and d
29. b	66. d	103. c	140. d	177. a
30. d	67. a	104. a	141. a	178. d and e
31. d	68. d	105. c	142. d	179. e
32. a	69. c	106. b	143. d	180. a, d and e
33. b	70. c	107. b	144. d	181. c
34. d	71. a	108. d	145. d	182. b
35. b	72. b	109. d	146. b	183. c
36. c	73. b	110. c	147. c	184. c
37. a	74. b	111. b	148. d	185. b

186. c	195. c	204. c	213. b	222. d
187. e	196. a	205. c	214. c	223. c
188. c	197. b	206. c	215. c	224. d
189. d	198. d	207. d	216. c	225. d
190. e	199. d	208. b	217. c	226. c
191. c	200. a	209. c	218. d	227. b
192. b	201. c	210. d	219. c	
193. b	202. b	211. d	220. b	
194. b	203. c	212. a	221. d	