1. Swallowing centre is situated in Midbrain
   Pons
   Medulla
   Cerebellum

2. Tree bark like calcification in chest X-ray is seen in
   Syphilitic aneurysm
   Aorta-arteries
   Neurofibromatosis
   Atherosclerosis

3. How long can be blood be stored with CPD-A
   12 days
   28 days
   35 days
   48 days

4. Best method for diagnosis of deep vein thrombosis is
   Doppler examination
   Plethysmography
   Contrast phlebography
   I 131 fibrinogen studies

5. The most common mode of transmission of leprosy is
   Droplet infection
   Skin to skin contact
   Insect vectors
   Through formites

6. Notching of ribs is seen in all except
   TOF
   Thrombotic occlusion of abdominal aorta
   Coarctation of aorta
   Aortic regurgitation

7. Crystalline milia is due to obstruction to
   Sebaceous glands
   Sweat glands
   Hair roots
   Accessory sweat glands

8. Erysipelas is:
   Lymphangitis due to staphylococcus
   Lymphangitis due to streptococcus
   Subcutaneous inflammation due to streptococcus

9. Which of the following cells is phagocytic
   Lymphocyte
   Neutrophil
   Eosinophil
   Macrophage

10. Most common cause of empyema is
    Bronchopleural fistula
    Tubercular pneumonia
    Bacterial pneumonia
    Pleurisy

11. All are complications of diphtheria except
    Myocarditis
    Ocular muscle palsy
    Peripheral neuropathy
    Hepatic failure

12. National Health Policy was formulated in,
    1985,
    1982,
    1976,
    1972
13. Ketone body which is maximum in Diabetic ketoacidosis
   Acetone
   Pyruvate
   Acetoacetic acid
   B-oxaloacetate

14. Drug of choice in cutaneous larva migrans is

15. In syphilis, the semen is infective for
   2 weeks
   4 weeks
   4 months
   1 year

16. Epitheloid-like giant cells are seen in all the following except
   Leprosy
   Ulcerative colitis
   Crohn's disease
   Brucellosis

17. Treatment of contaminated wound in gas gangrene is
   Debridment of wound
   Systemic penicillin
   Metronidazole administration
   Peroxide dressings

18. Net reproduction rate by 200 A.D.

19. IUCD that can be used in a lady presenting with menorrhagia is

20. Pale waxy umbilicated swelling on the lid is
   External hordeolum
   Internal hordeolum
   Molluscum contagiosum
   Chalazion

21. In Bing test, on alternately compressing and releasing the external ears, the sound increases and decreases. This indicates
   Sensorineural deafness
   Adhesive otitis media
   Otosclerosis
   Chronic suppurative otitis media

22. Insulin action is mediated by

23. Mycobacterial species differentiated by all except
   Catalase peroxidase test
   Amidase test
   Niacin reduction test
   Oxidase

24. Paris green is a
   Fumigant
   Contact poison
   Stomach poison
   Repellent
25. Ig-G in dermis of skin not seen in Dermatomyositis, SLE, Scleroderma, Mixed connective tissue disorder.

26. Not true about Duchenne muscular dystrophy:
- X-linked recessive inheritance
- Markedly elevated creatine kinase
- Proximal arms commonly involved
- Chromosomal defect of 35

27. IV anesthetic having antiemetic action:
- Ketamine
- Propofol
- Thiopentone
- Nitrous oxide

28. Least diffusion coefficient is for:
- Isoflurane
- Enflurane
- Halothane
- N2O

29. In sickle cell anaemia sudden onset of pancytopenia with hemolysis and no rise of reticulocyte count occurs in

30. Hyaline arteriosclerosis is seen in case of:
- Benign nephrosclerosis
- Hyperplastic arteriolitis
- Both
- None

31. Temperature of cadaver is usually measured from:
- Under the tongue
- Axilla
- Rectum
- Any of the above

32. Which of the following is a complication in tetralogy of Fallot?
- Cerebral thromboses
- Brain abscess
- Bacterial endocarditis
- Congestive heart failure

33. Hickman's line is increased zone of calcification: Wimberger's line

34. Characteristic feature of hypertrophied scar is:
- Common in old age
- Claw-like processes
- Itching
- Does not recur after excision

35. Treatment of thyroglossal duct cyst is:
- Sistrunk's operation
- Homan procedures
- Charles procedure
- Thompson procedure

36. Spironolactone is an aldosterone antagonist, an inhibitor of renal epithelial Na+ channel.
Osmotic diuretic
a blocker of renal adenosine A1 receptor
37. About Psoriasis

The arthritis involves proximal interphalangeal joint (PIP) and distal interphalangeal (DIP) joint
Pencil cup appearance
Opera glass hand sign is seen
All of the above
38. Haemolysis commonly occurs in

IDA
Aplastic anaemia
G6PD deficiency
Megaloblastic anaemia
39. Vocal resonance is increased in

Pneumothorax
Emphysema
Pneumonic consolidation
Diaphragmatic hernia
40. An example of measure of dispersion

Range
Mean

41. Coronary artery disease often affects

Type A personality
Hisstrionic personality
Narcistic personality
Cluster C personality
42. RA sound of ___dB exposed for B hours for 5 days a week produces hearing impairment

80 dB
90 dB
60 dB
70 dB
43. The following statement is true about ether

Discovered by Fischer
Poor muscle relaxation
Does not cross placenter
diathermy is contraindicated
44. Difference between arterioles and capillaries

45. The end product of purine metabolism is

Larger lumen of arterioles
Mean

46. Fluoride inhibits

Urea
Creatinine
Uric acid
Glycine
47. Most reliable indicator of pre-eciampsia

Enolase
Glukokinase
Aldolase
Phosphofructokinase

48. Mallet finger is

Fracture of proximal phalanx
Capsular rupture of PIP joint
Rupture of flexor tendon

Urine calcium
Serum creatinine ratio
Urine proteins
Serum uric acid
Rupture of extensor digitorum profundus slip

49. Weakest bond

Vanderwall’s bond
Covalent
Ionic
Gravitational

50. All of the following are seen in EDWARD syndrome except

Long Neck
Low Set Ears
Rocker bottom foot
Renal malformations

51. Pseudohallucination have all the characteristics except

Located in subjective space
Subjected to conscious control
Experienced as emancipating from within the mind
Lack of substantiality of normal perception but vivid

52. Delusion of infidelity on part of the sexual partner is known as

Ekberg’s syndrome
Othello syndrome
Couvade syndrome

de Clerambault’s syndrome

53. Renal blood flow is assessed by the use of following substance

PAH
Inulin
urea
Creatinine

54. All of the following drugs causes secondary diabetes mellitus, except

Thiazide
Furosemide
Phenytoin
Prednisolone

55. Pond fracture is seen in

1. Myotonia congenita
2. Birth injury
3. Children
4. Adults
5. Adolescents

56. Type of surgery to correct myopia

LASIK surgery
Dacrocystorhinostomy
Tarsorrhaphy
Enucleation

57. Russel bodies are

Intracellular accumulation of protein
Homogenous eosinophilic deposits
Seen in multiple myeloma
All of the above

58. True blood cells are

RBC
Neutrophils
Lymphocytes
Eosinophils

59. Inability to open clenched hand is seen in

Myotonia congenita
Writer’s cramp
Periodic paralysis
Muscular dystrophy

60. A 13-year-old female presents with the complaint that she cannot move her right leg. There are no other associated symptoms and no history of trauma, headache, or prior medical problems. The symptom began on the day she was to meet her father for the first time. Which of the following would be LEAST helpful in the management of this patient?
Perform a Hoover test
Tell her that nothing is wrong
Hypnosis
Tell her that she can talk with her father on the telephone rather than in person
61. Respiratory alkalosis results from

Anxiety
Fever
Salicylate intoxication (early)
All of the above
62. The most common complication in varicose vein surgery is

Ecchymosis
Deep vein thrombosis
Recurrence of varicosity
Venous ulcer
63. Non-ejection clicks are heard in

Aortic stenosis
Atrial myxoma
Mitral regurgitation
Mitral valve prolapse
64. Extrapyramidal symptoms is best treated with

Procyclidine
Metoclopramide
Haloperidol
Trihexyphenidyl
65. All are seen in Parkinsonism except

Tremor at rest
Rigidity
Akinesia
Hyperflexion
66. CSF spread of a tumor is most common with

Astrocytoma
Medulloblastoma
Meningioma
Glioblastoma
67. Which one of the following is true regarding specimen collection for blood culture investigation in bacterial endocarditis?

One specimen is sufficient
Two specimen are taken in two consecutive days
Three specimen are taken in three consecutive days
Three specimen are taken at intervals of 2-3 hours
68. In tabes dorsalis all are seen except

Plantar extensor
Ptosis
Argyll Robertson pupils
Myosis
69. A child of 8 years has right focal fits and weakness of right limbs. Red birth mark on the left forehead was noted by the parents. The diagnosis is

Von Hippel Lindau's disease
Sturge Weber syndrome
Von Recklinghausen's disease
Rendu Osler Weber Syndrome
70. A nine month old baby usually exhibits

An extensor plantar reflex
The rooting reflex
The moro reflex
All of the above
71. The total number of days taken for spermatogenesis,
Lepra bacilli are best cultivated in
- Armadillos
- Mouse foot pad
- Nutrient agar
- Guinea pig

73. All are true about trigeminal neuralgia, except
- May provoke a spasm of facial muscles
- More common in elderly people
- Chewing or talking may bring about an attack
- Attacks of pain usually last for an hour or so

74. Ptosis and mydriasis are seen in
- Facial palsy
- Peripheral neuritis
- Oculomotor palsy
- Sympathetic palsy

75. Pseudobulbar palsy features include all, except
- Dysarthria (and monotonous speech)
- Palatal paresis with nasal twang voice
- Fasciculations of the tongue
- No wasting or atrophy of the affected muscles
- Cadaveric spasm affects the following muscles
- Voluntary
- Involuntary
- Both
- None

76. A patient with left sided hemiplegia has right sided supranuclear facial paralysis and left side 3rd nerve paralysis. Where is the lesion?
- Cerebral cortex
- Internal capsule
- Midbrain
- Pons

77. Chemically Furosemide belongs to
- Aldosterone antagonist
- Carbonic anhydrase inhibitor
- Mercurial derivative
- Sulfonamide derivative

79. Primary tuberculosis can occur in the following except
- Conjunctiva
- Tonsils
- Meninges
- Intestines

80. Neck stiffness is present in all except
- Meningism
- T.B. Meningitis
- Subarachnoid haemorrhage
- Tetany

81. Herpes Zoster is due to
- Vaccinia virus
- Cow pox virus
- Varicella virus
- Bedsonia

82. Ramsay Hunt Syndrome consists of
- Involvement of trigeminal & abducent nerves
- Involvement of gasserian ganglion
- Lesion of geniculate ganglion
- Lesion of optic and oculomotor nerve
83. Drug contraindicated in head injury is 
Steroids
Antibiotics
Tetanus toxoid
Morphine

84. Commonest site of a meningocele is 
Occipital region
Cervical region
Thoracic region
Lumbosacral region

85. A patient with meningomyelocele with paraplegia can
Be improved by surgery
Not be improved by surgery
Improve as he gains age
Be treated by antibiotics and decongestants

86. The commonest cause of aneurysms of the Circle of Willis is 
Defects of intima and elastic of congenital and/or arteriosclerotic origin

87. In hysteria, all of the following are true, except
Syphilis
Subacute bacterial endocarditis

88. The most common type of hypospadias is
Glandular
Coronal
Penile
Perineal

89. Not a feature of viral encephalitis
Diffuse astrocytosis
Perivascular infiltration
Ic chain bodies
Cerebral oedema

90. Jaw reflex exaggerated in all except

91. days after head injury, a 55 year old chronic alcoholic is found confused afibrile, complaining of severe headache and diplopia. Right pupil is dilated, nonreactive to light. Which is the most likely diagnosis

92. Massive splenomegaly occurs in
A. L . L
C M. L

93. In paralysis agitans, site of lesion is at
Red nucleus
Substantia gelatinosa
Substantia nigra
Globus pallidus
94. Normal intracranial calcifications seen in the roentgenogram may be due to:

- Pineal
- Dural
- Pacchonian bodies
- All of them

95. The somatic effects of ionising radiation

- Become apparent in the next generation
- Are reduced if child expectancy is reduced
- Include the production of cataracts
- Do not depend on quality factor

96. In all of the following types of admissions to mental hospital, medical certification is not required except:

- Voluntary
- For mentally ill prisoners
- Admission under special circumstances
- Reception order on application

97. First drug described to have antipsychotic property by Indians was:

- Reserpine
- Haloperidol
- Trifluoperazine
- Chlorpromazine

98. The main presenting symptoms of nasopharyngeal angiofibroma are:

- Epistaxis
- Nasal speech
- Nasal obstruction
- Foul smelling nasal discharge

99. The benzodiazepines receptor works in concert with GABA receptors and:

- Dopamine receptor
- Serotonin receptor
- Sodium ionophore
- Chloride ionophore

100. The differential diagnosis of hysteria include:

- Multiple sclerosis
- Acute intermittent porphyria
- Phenytoin toxicity
- All of the above

101. The following cell type does not participate in repair after brain infection:

- Microglia
- Astrocytes
- Fibroblasts
- Endothelium

102. Premalignant lesion which turns malignant:

- Dermal epidermal naevus
- Epidermal naevus
- Junctional naevus
- Blue naevus

103. A 8 year old child after a tonsillectomy sees a bear in her room. She scares in fright. A nurse who rushes in switches on the light, finds a rug wrapped on an armchair. She specifies the child. What the child experienced was a:

- Illusion
- Delusion
- Hallucination
- None of the above

104. False perception without internal stimulus is:

- Illusion
- Delirium
- Delusion
Hallucination

105. Which of the following is not classical of schizophrenia?

- Autism
- Automatism
- Ambivalence
- Association defect

106. Therapeutic level of lithium in serum is

- 0.1 mg/lit.
- 0.4 mg/lit.
- 1.2 mg/lit.
- None

107. Root value of knee jerk reflex is

- L1, L2, L3
- L2, L3, L4
- L3, L4, L5
- L4, L5, S1

108. In Nitroprusside test, amino acid cysteine produces a

- Red colour
- Blue colour
- Yellow colour
- Purple colour

109. Following is indicative of hypercalcemia on ECG

- Short QT interval
- Bundle branch blocks
- Prolonged PR interval
- Paroxysmal atrial tachycardia

110. The Bragg-Gray principle relates:

- The NSD to tumour response
- The energy absorbed in a medium to the expected biological response
- The stopping power ratio to the ratio of the energy absorbed per unit mass
- The radio sensitivity to tumour cells to dose rate

111. Which one of the following can not be used as a detector for a survey of a diagnostic X-ray unit:

- An ion chamber
- A pocket dosimeter
- A densitometer
- A GM counter

112. The visual acuity of the eye except:

- Describes its ability to detect contrast

113. Triceps is supplied by

- Ulnar nerve
- Radial nerve
- Axillary nerve
- Musculo-cutaneous nerve

114. Club or pear shaped macroconidia of dermatophytes are seen in

- Trichophyton
- Epidermophyton
- Microsporum
- All of the above

115. The usual concentration of agar user for agar medium is,

- 2.00%
- 5.00%
- 10.00%
- 20.00%

117. Infra-red radiation:-

- Has a wavelength of 100m to 700m
- Is emitted from a cold body

May be expressed in line pairs per mm

Depends on the light intensity emitted by a fluoroscopic screen
Obeys the inverse square law
Can be deflected by a 'magnetic
field

118. The Bucky (or grid) factor except:

May be expressed as the ratio of
two radiation intensities
May be expressed as the ratio of
two radiation exposures
Of a grid is normally about ten
Increasing if the lead content of a
grid is increased

119. The compton linear
attenuation coefficient:-

Depends on atomic number
Is independent of electron density
Is dependent on density
Is energy independent

120. Erb’s point is at the junction of

C5, 6
B6, 7
C7, 8
C8T1

121. The immunoglobulin which is
produced first by the fetus in
response to infection is

IgG
IgA
IgM
IgD

122. Gonococci in Gram-stain
smears are seen in situe

Lymphocytes
Neutrophils
Mast cells
Macrophages

123. The virulence of gonococcal is
due to

Pili
Cell membrane
Its Intracellular location
Cytolytic enzymes

124. Breast feeding is
contraindicated if the mother is
taking:

Propranolol
Broad spectrum antibiotics
Sulfonylureas
Insulin

125. About teething, all are true
except:

Upper incisors are first to appear
All upper teeth appear earlier
All evolve by 24 months
1st molars evolve by 12-14 months

126. The following may be
physiological in newborn, except:

May not pass trine in first 24
hours of birth
May not pass motion within 24
hours of birth
Has greyish blue pigmentaitn of
back
Has a small subconjunctival
haemorrhage

127. Posterior fontanelle closes
after birth by:

4 months
9 months
12 months
24 months

128. Which of the following isnot a
cause of delayed closure of
fontanelle in 12 months old child?

Rickets
Craniosynostosis
Hydrocephalus
Myxoedema
129. In a newborn, liver is 1 cm enlarge. The child has:

- Haemolytic disease
- Malaria
- Nutritional cirrhosis
- Normal

130. Sure sign of fetal distress is:

- Early deceleration
- Late deceleration
- Intereceleratin
- Early acceleration

131. Peroneus brevis is inserted into

- Base of V metatarsal
- Base of 1 metatarsal
- Lateral cuneiform bone
- Base of proximal phalanx of big toe

132. True about appendicular artery is

- Supplies only appendix
- Branch of lower division of ileocolic artery
- Is an end artery
- All of the above

133. Pointing index finger is seen in injury to

- Median nerve
- Radial nerve
- Ulnar nerve
- Musculocutaneous nerve

134. Carotid tubercle is present at the level of

- C4
- C5
- C6
- C7

135. Maximum redox potential in oxidation reduction reaction is seen in

- Ubiquinol-ubiquinone
- NADH-NAD+
- Cyt-b Fe34- Cyt-b Fe2+
- Cyt-a Fe3+ - Cyt-a Fe2+

136. Vitamin K is involved in

- Hydroxylation
- Decarboxylation
- Transamination
- Carboxylation

137. Pancreatic juice rich in water and electrolytes but poor in enzymes is secreted in response to

- Proteins
- Secretion
- Cholecystokinin
- Pancreozymin

138. Vitamin K dependant clotting factors are

- II
- VII
- IX
- All of the above

139. Metabolic function of the lung are all except

- Production of surfactant
- Activation of bradykinin
- Activation of angiotension
- Synthesis of prostaglandins

140. The jumping of depolarisation from one node of Ranvier to the next in myelinated axons is called

- Saltatory conduction
- Electrotonic conduction
- An electrotonic conduction
None of the above

141. Spuriously high BP is noted in all the following except

- Obesity
- Thick calcified vessels
- Small cuff
- Auscultatory gap

142. Fluoxetine causes all, except:

- Diarrhoea
- Insomnia
- Sedation
- Anxiety

143. Disulfiram like reaction is seen with:

- Amoxicillin
- Metronidazole
- Cefoperazone
- Disulfiram

144. Dobutamine causes:

- Increase cardiac output
- Marked increase in HR
- Increase total peripheral resistance
- Marked increase in BP

145. Not true about cefepime is:

- 4th generation cephalosporine
- Useful in hospital acquired infections
- Inhibits transpeptidase
- Given twice daily I/v

146. Akathesia is treated by all except:

- Trihexyphenidyl
- Diazepam
- Haloperidol
- Promethazine

147. Which of the following is grievous injury:

- Extensive lacerated wound on the forehead
- 6 cm x 2 cm bruise present on extensor aspect of forearm
- Abrasion present at the back of the trunk
- All of the above

148. Hematuria occurs from the bite of the:

- Cobra
- Krait
- Sea snake

149. True about Hepatitis D is that it:

- Is yellow fever hepatitis
- Is drug induced hepatitis
- Occurs with hepatitis B virus
- Slow virus disease

150. Calcitonin is tumor marker for which type of carcinoma thyroid:

- Follicular
- Papillary
- Anaplastic
- Medullary

151. Warthin-Finkeldy cells are seen in:

- Measles
- Rubella
- Influenza
- Rickettsial pox

152. National health policy was instituted in the year:

- 1953
- 1963
- 1983
- 1971
153. Which of the following is not true about polio?

Type 1 strain is responsible for epidemics of paralytic polio
Type 2 strain is most immunogenic
Transmission is mainly by droplet infection
Man is only reservoir of infection

154. The best method of teaching an urban slum about ORS is:

Lecture
Role play
Demonstration
Flash cards

155. Hypokalemia is seen in:

Burns
Myopathy
Conn's syndrome
Post surgical period

156. Drug C/I in chr. Angle closure glaucoma

Acetazolamide
Pilocarpine
Atropine
Steriods

157. Promontary in middle ear medial wall is due to

Facial nerve
Foot plate of stapes
Cochlear turn
Stapedius tendon

158. The site of lesion in Webbers syndrome is:

Cerebral peduncle
Red nucleus
Superior cerebellar peduncle
Inferior cerebelar peduncle

159. True about hepatic amoebiasis is all except:

Multiple abscesses
Conservative management in most patients
most common extraintestinal infection caused by E. histolytica
Jaundice is rare

160. Treatment of choice is psoriatic arthritis is

Methotrexate
Corticosteroids
PUVA therapy
Etreinate

161. Most common cause of proptosis in 1-3 year old age group is

Juvenile glaucoma
Dermoid cyst
Rhabdomyosarcoma
Retinoblastoma

162. Gunn sign is seen in

Vernal conjunctivitis
Phlyctenular conjunctivitis
Hypertensive retinopathy
Retinitis pigmentosa

163. Downward and nasal subluxation of eye lens is typically seen in

Homocystinuria
Margan's syndrome
Weli Marchesani syndrome
Ehler's Danlos syndrome

164. Tetralogy of Fallot is not associated with

Brain abscess
Thromboembolic phenomenon
Congestive heart failure
Improves on squatting
165. Prolonged screaming by an infant is adverse reaction to which vaccine

Injectable polio vaccine
Measles vaccine
Pertussis vaccine
Tetanus toxoid

166. Exchange transfusion is absolutely indicated in a newborn if serum bilirubin level is more than

17 mg/dl
18 mg/dl
17 mg/dl
20 mg/dl

167. Treatment of choice in a 55 years old patient with carcinoma of the prostate localised to the gland is:

Radiotherapy
Radical prostatectomy
Hormone therapy
Combined chemotherapy

168. Internal opening of brachial fistula is located at

Fossa of tonsil
Around 3rd molar tooth

169. Flower vase appearance on IVP is seen in

Behind palatopharyngeal arch
Around 2nd premolar

170. Most common cause of obstructive uropathy in infants is

Horseshoe kidney
Polycystic kidney
Hydronephrosis
Congenital megareter

171. Most commonly involved muscle in Volkmann's ischaemic contracture is:

Posterior urethral valve
Meatal stenosis
Stricture urethra
Vesicoureteral reflux

172. Osteogenesis imperfects is due to:

Defective collagen synthesis
Defective mineralisation of osteoid
Efective remodelling of bone
All of the above

173. Growing part of bone is:

Epiphyseal plate
Epiphysis
Metaphysis
Diaphysis

174. All of the following are components of crush syndrome, except:

Massive crushing of muscle
Myohemoglobinuria
Acute tubular necrosis
Bleeding diathesis

175. In B/L abductor paralysis treatment method are all except

Corpectomy
Arytenoidectomer
Laterisation of cord
Teflon paste injection

176. Ethmoidal sinusitis is more common with

Fire workers
Wood workers
Chimney smokers
None

177. Splenic artery is branch of

- Left gastric artery
- Right gastric artery
- Coeliac plexus
- Sup mesenteric artery

178. Broca's area are

- 44 and 45
- 40 and 42
- 43 and 44

None

179. Inferior thyroid artery is a branch of

- Subelavian artery
- Arch of aorta
- Dorsal aorta

None

180. Which of the following is true

- Pregnancy with prolapse: Pessary treatment
- Uterine prolapse in a nulliparous: Shirodkar sling operation
- Prolapsed puch of Douglas: Posterior colpoperineorrhaphy
- All of the above

181. Non-hormonal drug to prevent post menopausal osteoporosis is

- Alendronate
- Calcium gluconate
- Vitamin D
- Calcitonin

182. Treatment of carcinoma cervix stage I in a 47 year old lady is

- Radiotherapy
- Chemotherapy
- Abdominal hysterectomy
- Cone biopsy

183. Not a germ cell tumour is

- Dysgerminoma
- Teratoma
- Granulosa-theca cell tumour
- Embryonal cell carcinoma

184. Inferior thyroid vein drains into:

- External jugular vein
- Internal jugular vein
- Subclavian facial vein
- Common facial vein

185. Optic formation is situated between

- Lesser and greater wings of sphenoid
- Lesser wing and body of sphenoid
- Greater wing and body of sphenoid
- Two roots of lesser wing of sphenoid

186. The Erb's point is at the junction of

- C5-C6
- C6-C7
- C7-C8
- C8-C9

187. Pisiform bone gives attachment to

- Flexor carpi ulnaris
- Extensor carpi ulnaris
- Abductor pollucis longus
- Abductor pollucis brevis

188. In midclavicular line, costodiaphragmatic line of pleural reflection is at

- 6th rib
- 8th rib
- 10th rib
12th rib

189. Which of the following essential fatty acids contains maximum number of carbon atoms

- Linoleic acid
- Acetic acid
- Arachidonic acid
- Oxaloacetic acid

190. Hydrolytic enzymes are present in

- Mitochondria
- Golgi bodies
- Nucleus
- Lysosomes

191. Death in police custody is investigated by

- IG police
- C.M.O.
- Magistrate
- SHO

192. Amino acid required for synthesis of epinephrine is

- Tyrosine
- Valine
- Glycine

193. One molecule of pyruvate forms ___________ ATP’s

13
15
18
30

194. Protective factor for heart

- High HDL
- High LDL
- High triglycerides
- High cholesterol

195. Drug with antiandrogenic effect is

- Metopirrone
- Clomiphene
- Cyproterone
- Danazol

196. Anion gap is not present in

- Diabetic ketosis
- Uraemic acidosis
- Respiratory acidosis
- Renal tubular acidosis

197. Sodium enters the cardiac cell in

- Repolarization
- Depolarization
- Phase of relaxation
- End of cardiac cycle

198. Spermatozoa mature in which of the following organs

- Epididymis
- Vas-deferens
- Rete-testes
- Prostate

199. Diuresis is caused by

- Mannitol
- Glycerol
- Urea
- All of the above

200. Treatment of choice in asymptomatic amoebiasis cyst passer is

- Diloxanide
- Tetracycline
- Metronidazole
- Chloroquine
Manic depressive psychosis
Recurrent mania
Recurrent depression
Schizoaffective illness
202. G6PD deficiency protects against
Anaemia
Pl.vivax
Plasmodium falciparum
Pl. Malariae
203. Dose of ketotifen is
1-2 mg/day
0.5-1.0 mg/day
3-5 mg/day
10-20 mg/day
204. What is the site of action of epidermal morphine
Medulla
Substantia gelatinosa
Nerve tracts
All of the above
205. Morphine is contraindicated in following except
head injury
Glaucoma
Bronchial asthma
Diarrhoea
207. Highly plasma protein bound is
Warfarin
Atenolol
Digitoxin
Phenytoin
208. Mechanism of action of insulin is following except
Facilitates glucose transport
Inhibits gluconeogenesis
Facilitates lipolysis
Liuprotein lipase
209. Actionomyces are
Fungi
Bacteria
Mycoplasma
Chlamydia
210. Percentage of methyl alcohol used for sterilization is
30
70
80
211. Caused by staphylococcus
Cellulitis
Pemphigus vegetans
Toxic epidermal necrolysis
Erysipelas
212. True about bacteria is following except
Unicellular
Prokaryotic
True branching seen
Do not contain chlorophyll
213. In Bronchial asthma, type of hypersensitivity seen is
Type I
Type II
Type III
Type IV
214. Community acquired pneumonia is caused by
Staph. Aureus
Pseudomonas
Pneumocystis carini
Legionella
215. Femal pelvis is differentiated from male pelvis by

- Obtuse subpubic angle
- Low subpubic angle
- Prominent muscle attachment marking
- Less broad

216. Last to puterfy in a female is

- Uterus (non pregnant)
- Breast
- Lung
- Prostate

217. Incised wounds appear lacerated on

- Scalp
- Abdomen
- Breast
- Scrotum

218. In water seal laterine, depth of water is

- 1 cm
- 2 cm
- 3 cm
- 4 cm

219. In Purda system, disease common is:

- Rickets
- Osteomalacia
- Tuberculosis
- Leprosy

220. Eligible couples per 1000 population is:

- 50
- 100
- 160
- 200

221. Pulmonary thrombosis is characterized by

- Increased pO2
- Decreased pCO2
- Increased pulmonary wedge pressure
- Decreased pulmonary wedge pressure

222. Which of the following is an anterior mediastinal mass

- Thymus
- Lymphoma
- Neurofibromia
- All of the above

223. Bronchopulmonary aspiration pneumonia is because of

- Necrosis of cilia
- Mucosal atrophy
- Infection
- Aspiration of foreign material

224. The contraindication to operation for gastric carcinoma is involvement of

- Lesser sac, common and lymphonodes
- Coeliac artery
- Liver
- Peritoneum

225. Piece-meal necrosis of hepatic biopsy is a common feature of

- Alcoholic hepatitis
- Chronic active hepatitis
- Indian childhoos cirrhosis
- Primary biliary cirrhosis

226. The followin gconditions may be associated with peripheral blood eosinophilia, except

- Polyarteritis nodosa
- Allergic bronchopulmonary aspergillosis
Hodgkin’s disease
Systemic lupus erythematosus
227. Not a cause of megaloblastic anemia

Phenytoin
Aspirin
Folic and deficiency
Fish tape worm
228. Predisposing factor for thrombosis

Change in vessel wall
Change in blood flow
Whipple’s disease
All of the above
229. All are involved in multiple endocrine neoplasia type I except

Pancreas
Stomach
Hilus
Adrenal cortex
230. Contraindication of DPT vaccine is

Bronchial asthma
Convulsion
Fever

Diarrhoea

Converts children to tuberculin positive
Lowers incidence of tubercular meningitis
Lowers incidence of pulmonary Koch’s
Efficacy is 90 percent
232. DPT is stored at
+ 8 degree C
+4 degree C
0 degree C
-1 degree C
233. Vitamin A is given

1 lac 3 monthly
2 lack 12 monthly
3 lac 12 monthly
4 lac 12 monthly
234. II degree malnutrition is when body weight is of hardvard standard

81-90 %
71-80 %
61-70 %

51-60 %

235. Bancroftian filariasis in India commonly spreads by

Culex
Aedes
Anopheles
Mansoides
236. Best method to treat dehydration is

Oral rehydration fluid with spoon
Oral rehydration fluid with bottle
I/V drip
Oral and I/V fluids
237. Measles vaccine is best given at an age of :

1-3 months
4-6 months
9-12 months
18-24 months
238. True about antenatal care is

Antenatal visits help in detecting high risk cases
Anganwadi workers help in educating women
Postnatal visits help in defecting complications of deliveries
All of the above

239. Administration of DPT vaccine is contraindicated in

URI
Diarrhoea
Milk fever
None of the above

240. Not seen in tubercular meningitis is

Hydrocephalus in 50%
Priphylactic treatment to prevent hydrocephalus
Tuberculoma in 25%
CSF sugar less than 10 mg%

241. Anion gap is incresed in following except

Uraemic acidosis
Diabetic acidosis
Lactic acidosis
Renal tubular acidosis

242. About Addisons’ disease, following are incorrect except

ADH
Sodium
Hypertension

Aldosterone
243. Not increases alkaline phosphatase

Myocardial infarction
Paget’s disease of bone
Obstructive jaundice
Hemolytic anemia

244. Necrotising enterocoilitis is seen with

Penicillin
Tetracycline
Clostridium welchii (type C)
Campylobacter

245. Chronic renal failure is least likely to occur in

Membranous glomerulonephritis
IgA nephropathy
masangio proliferative glomerulonephritis
Focal sclerosing glomerulonephritis

246. False about Lichen planus is

Involves basal layer of skin
Shows hyperkeratotis
247. Photosensitiza of skin is seen in

Acrodermatitis
Scurvy
Riboflavin
Vitamin B12 deficiency
248. Cystic hygroma is a

Lymphoedema
Lymph angitis
Lymph angioma
Lymphoma
249. The commonest cause of SVC obstruction is

Primary venous thrombosis
Invasive malignant tumor
Aortic aneurysm pressure
Tuberculous granuloma
250. Commonest cause of hyperparathyroidism is
Hyperplasia of all parathyroid glands

251. The least common site for visceral metastases in a patient of cancer of the breast is

- Lung
- Liver
- Brain
- Spleen

252. Viscera are sensitive to

- Touch
- Cutting
- Crushing
- Distention

253. The commonest cause of suppurative cholangitis is

- Chronic pancreatitis
- Carcinoma head of pancreas
- Common bile duct stone
- Gall bladder stone

254. Fluid loss in third space is seen in following except

- Pyloric stenosis
- Burns
- Peritonitis

Crush injury

255. Commonest site of carcinoma breast is

- Upper and outer
- Upper and medial
- Lower and medial
- Lower and lateral

256. A case presented with multisystem trauma with variable blood loss with irregular breathing. The diagnosis is

- Extradural hematoma
- Rupture lung
- Spleen rupture
- None of the above

257. Pott's spine is commonest in _________ spine

- Leprosy
- Toxoplasmosis
- Congenital syphilis
- All

258. Median nerve injury is least common in fracture of

- Humerus
- Ulna
- Radius

259. In C5-6 disc prolapse, nerve injury seen in

- C5
- C6
- C7
- T1

260. Anaesthesia not to be used in closed circuit

- Ether
- Halothane
- Triclen
- Cyclopropane

261. Salt and Peppe appearance of fundus is seen in

- Leprosy
- Toxoplasmosis
- Congenital syphilis
- All

262. Unilateral pulsating exophthalmos is caused by

- A/V fistula
- Carotico cavernous fistula
- Internal carotid artery aneurysm
- Adenocarcinoma kidney
263. Pulsating exophthalmos is caused by
- Adenocarcinoma kidney
- Haemochromocytoma
- Squamous cell carcinoma lung
- Medulloblatoma

264. To differentiate uterovaginal fistula from II vesicovaginal fistula is
- 2 swab test
- Indigocarmine
- X-ray
- Intravenous pyelography
- Danazol

265. Danazol

Decreases gonadotrophins
Weak oestrogenic effect
Strong progesteronic effect
Strong side effects

266. The most common site of pelvic endometriosis is
- Ovary
- Fallopian tube
- Sigmoid colon
- Dougla's pouch

267. A 27 year old patient with dysfunctional uterine bleeding, best managed with
- Dilatation and curettage
- Oral pills for 3 cycles
- Danazol
- Clomiphene

268. Aetiological agent hypothesized for carcinoma cervix is
- Herpes simplex I
- Herpes simplex II
- Hepatitis virus
- Chlamydia trachomatis

269. Menorrhagia is seen in following except
- Premenopausal women
- Multiparity
- Previous caesarean section
- Defective vascularization of decidua

270. Following may predispose to placenta previa, except
- Multiparity
- Previous caesarean section
- Defective vascularization of decidua

272. Hydramnios is associated with
- Renal agenesis
- Anencephaly
- Obesity
- Anaemia

273. Pregnancy induced hypertension occurs in following except
- Diabetes mellitus
- Renal disease
- Twins
- None of the above

274. Most common cause of Maternal mortality in India is
- Anemia
- Ecclampsia
- Sepsis
- None of the above

275. Shortest diameter of foetal skull is
- Submentobregmatic
- Submentational
- Biparietal
Bitemporal

276. The age and sex structure of a population ay be best described by a:

- Life table
- Correlation coefficient
- Population pyramid
- Bar chart

277. True regarding mallet finger is

- Avulsion of tendon at the base of the middle phalanx
- Avulsion of extensor tendon at the base of the distal phalanx
- Fracture of distal phalanx
- Fracture of the proximal phalanx

278. Prolactin secretion is inhibited by:

- Dopamine antagonist
- GABA
- Neurophysin
- Bromocriptine

279. In a double blind clinical drug trial:

- Each patients receives a placebo
- Each patients receives both (double) treatments
- The patients do not know which treatent they are receiving
- The patients do not know that they are in a drug trial

280. All the following malignancies are associated with HIV. Except:

- Kaposi’s Ca
- Non Hodgkin’s lymphoma
- Astrocytoma
- Gastric adeno Ca

281. Which of these pass through aortic hiatus

- Thoracic duct and azygos vein
- Thoracic duct and gastric artery
- Vagus nerve with oesophagus
- Aorta with oesophagus

282. Which muscles are supplied by obturator nerve

- Abductor muscle
- Adductor compartment
- Extensor compartment
- Flexor compartment

283. Basanti, 23 year old pregnant woman presents with features of dilated cardiomyopathy. Which of the following drugs you will NOT give to treat her:

- Digoxin
- ACE in hibitors
- Diuretics
- Vasodilators

284. A pregnant woman with fibroid uterus develops acute pain in abdomen with low grade fever and mild leukocytosis at 28 weeks. The most likely diagnosis is

- Preterm labour
- Torsion of fibroid
- Red degeneration of fibroid
- Infection in Fibroid

285. In a 45 yrs old lady with polymenorrhoea for 6months duration best line of m/n is

- Progesterone for 6months
- OCP for 6 months
- Dilation and curettage
- Hysterectomy with bilateral sappingopherectomy

286. A patient Rasmi presents with eye deviated laterally and slightly down ward. The upward gaze is impaired and medial rotation is not possible. Which nerve is involved
287. A 50yr old female presents with carcinoma endometrium with deep inguinal lymph node involvement is staged as

Stage II
Stage III
Stage IV
Stagel

288. The sigmoid nature of Hb-O2 dissociation curve is because of

Binding of one O2 molecule increase the affinity for the next O2 molecule

Alpha chain has more affinity for O2 than beta chain
Beta chain has more affinity for O2 than alphachain
Haemoglobin in acidic in nature

289. Which of the following is true about this log dose response curve between drug x and y?

Drug x is more efficacious than drug y
Absorption of x is more than y

Potency of x is less than y

290. A young boy presented with lesion over his right buttock which had peripheral scaling and central scarring. The investigation of choice would be

tzank smear
KOH preparation
Biopsy
Saboraud's agar

291. Human development index includes A/E

Crude death rate
Education
Life expectancy at birth
GDP

292. Ramu an eight year old boy presented with pain in the arm. On Xray his upper end of humerus demonstrates an expansile lesion in the metaphysis with breech of the over line cortex. Most likely diagnosis is

Aneurysmal bonecyst
 unicameral bonecyst
 chondroblastoma
 osteoclastoma

293. The most common cause of Addison's disease is
Autoimmune adrenalitis
Meningococcal septicemia
Malignancy
Tuberculosis

294. In volume cycled ventilation the inspiratory flow rate is set at

140-160/min
10-130 L/min
60-100 L/min
30-50 L/min

295. A dense persistent nephrogram may be seen in all of the following except.

Acute ureteral obstruction
Systemic hypertension
Severe hydrenephrosis
Severe hydronpehrosis

296. All of the following statements are true about DPT vaccine except

It should be stored in deep freezer
Exposure to direct sunlight, when in use should be avoided
Store stocks are needed for three months at PHC level.

Half-used vials should not be put back into the cold chain after the session.

297. In a case-control study of a suspected association between breast cancer and the contraceptive pill. All of the following are true statements except:

The control should come from a population that has the same potential for breast cancer as the cases.

The control should exclude women known to be taking the pill at the time of the survey.

All the controls need to be healthy.

The attributable risk of breast cancer resulting from the pill may be directly measured.

298. A 45 years old hypertensive male presented with sudden onset serve headache, vomiting and neck stiffness. On examination he didn’t have any focal neurological deficit. His CT scan showed blood in the Sylvain fissure. The probable diagnosis is:

Meningitis

Rupture aneurysm

Hepertensive bleed

299. A young female presents with history of dyspea on exertion. On examination, she has wide, fixed split S2 with ejection systolic murmur (III/VI) in left second intercostal space. Her EKG shows left axis deviation. The most probable diagnosis is:

Total anomaly plemonary venous drainage

Tricuspid atresia

Ostium primum atrial septal defect

Ventricular septal defect with pumonary arterial hypertension

300. A ‘Malignant pustule’ is a term used for:

An infected malignant melanoma

A carbuncle

A rapidly spreading rodent ulcer

Anthrax of the skin