

PROVISIONAL ANSWER KEY NAME OF THE
POST :

Assistant Professor in Municipal Health Officer,
Class-II (AXY) Advt No. :99/2016-17

Date of Preliminary Test : 5/2/2017 Subject :
Concerned Subject (101 to 300)

101. Trendelenburg sign is due to paralysis of-
- (A) Gluteus maximus (B) Gluteus medius
(C) Piriformis (D) Obturator externus
102. Rapid rise & fall in epidemic time curve without any secondary waves is seen in
- (A) Propogated epidemic
(B) Point source epidemic
(C) Point source multiple exosure epidemic
(D) Seasonal trend

103. Hegar's sign of pregnancy is
 (A) Uterine contraction (B) Bluish discolouration of vagina
 (C) Softening of isthmus (D) Queckning
104. Which law describes that magnitude of sensation felt is proportionate to the log of intensity of stimulus-
 (A) Law of Projection (B) Bell Magnetic Law
 (C) Weber Fechner Law (D) None of the above
105. Change staging for intracranial tumors is used for?
 (A) neuroblastoma (B) glioblastomamultiforme
 (C) medulloblastoma (D) craniopharyngioma
106. What is drug of choice to control supraventricular tachycardia
 (A) Adenosine (B) Propranolol
 (C) Verapamil (D) Digoxin
107. A 54 year old Hispanic man with uncontrolled diabetes comes to the emergency department because of scrotal oedema and tenderness. He complains of fever and chills but denies nausea, vomiting and diarrhoea. He has a foul odour on rectal exam, pus is expressed, and cellulitis of the skin is noted around his scrotum and anus. He has crepitus along his perineum and extending up along his inguinal crease. His vital signs are a teperature of 101.3 F, HR of 128 bpm, BP of 90/62 mm Hg, and SpO2 of 92%. Which of the following therapeutic strategies is most appropriate?
 (A) Emergency placement of a central line and administration of vancomycin with tranfer to the ICU
 (B) Opening the wound in the ER and packing with Iodoform gauze
 (C) Immediate surgical intervention with debridement of all devitalised tissue
 (D) Send the patient for a CT Scan with I/V, Oral and rectal contrast media to evaluate the extent of the problem
108. Smith Noguchi media is used for-
 (A) Bordetella and Salmonella (B) Borreia and Spirochete
 (C) Brucella and Kliebsella (D) Corynebacterium and Bacillus

109. Which of the following is a signature fracture?
(A) Depressed fracture (B) Ring fracture
(C) Separation of sutures (D) Pond fracture
110. Which of the following statements are true in context of anatomical consideration of cleft lip and palate?
(A) In a complete cleft palate, the nasal septum and vomer are completely separated from the palatine processes.
(B) In a cleft of the soft palate, the muscle fibres are orientated wrongly but insert into the posterior edge of the hard palate.
(C) In a sub mucous soft-palate cleft, the mucosa is not intact.
(D) A and B
111. Which of the hepatitis B virus serological marker indicates the 1st evidence of hep. B infection?
(A) Anti HBs (B) Anti-Hbe
(C) HBsAg (D) HBeAg
112. Epimer combination is-
(A) D-glucose & D-mannose (B) d-mannose & I-mannose
(C) d-galactose & I-glucose (D) D-galactose & L-glucose
113. Following can be used in treatment of myoclonic seizures except?
(A) valproate (B) carbamazepine
(C) topiramate (D) zonisamide
114. Which of the auscultatory sign is absent in mitral stenosis in the presence of atrial fibrillation
(A) Mid diastolic murmur (B) Pre-systolic accentuation
(C) Variable first heart sound (D) Loud P
115. Daily caloric needs in pregnancy is about_kilocalories
(A) 1000 (B) 1500
(C) 2500 (D) 3500

116. A 68 year old woman with H/O a GERD, cholelithiasis, and coronary artery disease is seen in the emergency department with nausea, vomiting, and epigastric pain. Lab tests showed amylase and lipase values of 259 and 1782 units/L, leucocytosis of 18,300/mm³ and a PT and INR of 47s and 1.9 respectively. The patient received 6 L of crystalloid solution because of hypotension and required intubation. After 48 hours the Hb has dropped by 2g. What are the factors that have the strongest correlation with the stress related bleeding in critically ill patients?
- (A) Mechanical ventilation and Hypotension
 - (B) Mechanical ventilation and Coagulopathy**
 - (C) Steroids and sepsis
 - (D) Mechanical ventilation and steroids
117. Antigen presenting cells are all except-
- (A) Dendritic cells
 - (B) Langerhans Cells
 - (C) T cells**
 - (D) B cells
118. Methanol poisoning. Which of the following is false?
- (A) Snow field vision
 - (B) Fomepizole is a compinhibitor of aldehyde dehydrogenase**
 - (C) Formic acid is responsible for toxicity.
 - (D) Min lethal dose is 1.25mg/ml
119. Cerebellar damage does not cause-
- (A) Dysmetria
 - (B) Past pointing
 - (C) Hypertonia**
 - (D) Ataxia
120. Which of the following is not an indicator for operational efficiency of malaria surveillance under National Vector Borne Diseases Control Programme?
- (A) Annual Parasite Index
 - (B) Annual Blood Examination rate**
 - (C) Annual Falciparum Index
 - (D) Slide positive rate

121. Term delivery implies that the gestational age of the foetus calculated from the time of onset of last menstrual period is :
- (A) 40 weeks (B) 42 weeks
(C) 38 weeks (D) 260 days
122. Surface marking of Mitral valve is -
- (A) Left third intercostal space in mid clavicular line
(B) Left fourth intercostal space in mid clavicular line
(C) behind sternal end of right fourth costal cartilage
(D) behind sternal end of left fourth costal cartilage
123. Most common valvular lesion seen with carcinoid syndrome is
- (A) Tricuspid stenosis and pulmonic stenosis
(B) Tricuspid insufficiency and pulmonic stenosis
(C) Mitral stenosis and aortic stenosis
(D) Mitral insufficiency and aortic stenosis
124. False regarding cerebellar astrocytoma in pediatric age group is?
- (A) They are low grade tumors
(B) Have good prognosis
(C) Commonly seen in 1st to 2nd decade
(D) More common in females
125. A child is burnt by hot water, the best method to calculate the surface area of the burnt areas is:
- (A) Palm Method (B) Lund and browder method
(C) Rule of 9 (D) Brocas method
126. Entamoeba histolytica grows in which of the culture medium -
- (A) Philip's medium (B) CLED medium
(C) Trypticase serum (D) Blood Agar medium

127. A person following a RTA presented in emergency with laceration of inguinal region. On examination there was swelling of inguinal region and distal pulsation was felt; internal iliac artery was normal, common iliac and external femoral artery was normal but common femoral vein is transacted. Treatment of choice is:
- (A) Vein repair with continuity
 - (B) Sclerotherapy
 - (C) Ligation of femoral artery and vein
 - (D) Amputation below knee
128. A person from non endemic area wants to visit a high plasmodium falciparum malaria endemic area for 4 weeks. By National malaria drug policy 2013 the best chemoprophylaxis for him would be
- (A) Chloroquine
 - (B) Sulfadoxin+Pyrimethamine
 - (C) Doxycycline
 - (D) Mefloquine
129. Which of these dissacharides is non reducing sugar
- (A) Sucrose
 - (B) Lactose
 - (C) Cellobiose
 - (D) Maltose
130. Neonatal meningitis is caused by:
- (A) Group 'A' streptococcus
 - (B) Group 'B' Streptococcus
 - (C) H. influenza
 - (D) None
131. Antemortem and post-mortem wounds can be differentiated by all except
- (A) everted margins
 - (B) swollen edges
 - (C) sharp edges
 - (D) blood clots in surrounding tissue
132. Complement formed in intestine is -
- (A) C1
 - (B) C2, C4
 - (C) C5, C8
 - (D) C3, C6, C9

133. A female with suspected child abuse was brought to the casualty with severe bleeding from perineum. What should be the first line of management?
(A) Airway maintenance
(B) Internal iliac artery ligation
(C) Whole blood transfusion
(D) Inform police before starting the treatment
134. In transvaginal ultrasound, earliest detection of gestation sac is by :
(A) 21 days after ovulation (B) 21 days after implantation
(C) 28 days post ovulation (D) 14 days after ovulation
135. A patient with abdominal injury presents to the emergency department with signs of peritonitis and shock. Airway and breathing were secured and IV fluids were started with 2 large bore cannulas. The next line of management should be:
(A) FAST
(B) Exploratory laparotomy under general anaesthesia
(C) Insertion of abdominal drain followed by laparotomy
(D) Laparoscopy
136. In a tribal area the population catered by one female health worker as per the current norms of government of India is
(A) 1000 (B) 2000
(C) 3000 (D) 5000
137. Percentage of women who deliver on expected date of delivery
(A) 4% (B) 15%
(C) 35% (D) 70%
138. Autoclaving is done in -
(A) Steam and 100 degrees C for 30 min
(B) Dry air at 100 degrees C for 30 min
(C) Steam at 121 degrees C for 15 min
(D) Dry air at 121 degrees C for 15Lb pressure

139. ECG and JVP correlation of opening of AV valves is-
- (A) Later half of R wave and end of x descent respectively
 - (B)** End of T wave and y wave respectively
 - (C) ST segment and peak of c wave respectively
 - (D) Later half of T wave and c wave respectively
140. Destructive power of bullet is determined by:
- (A) weight of bullet
 - (B) shape of bullet
 - (C) size of bullet
 - (D)** velocity of bullet
141. Which of the following can presents with cyanosis at birth present?
- (A)** tetralogy of fallot
 - (B) TGA
 - (C) PDA
 - (D) VSD
142. Ideal time for surgery in case of unilateral cleft lip?
- (A) <3 months
 - (B)** 3 to 6 months
 - (C) 6 to 9 months
 - (D) >12 months
143. In extended supraomohyoid neck dissection, lymph node dissection is done up to:
- (A) 2
 - (B) 3
 - (C)** 4
 - (D) 5
144. A 17 years old boy is admitted to the hospital after a road traffic accident. Per abdomen examination is normal. After adequate resuscitation, his pulse rate is 80/min and BP is 110/70 mmHg. Abdominal CT reveals 1 cm deep laceration in the left lobe of the liver extending from the surface more than half way through the parenchyma. Appropriate managementat this time would be:
- (A)** Conservative treatment
 - (B) Abdominal exploration and packing of hepatic wounds
 - (C) Abdominal exploration and ligation of left hepatic artery
 - (D) Left hepatectomy

145. Out of the following which one is not the principle of primary health care
(A) equitable distribution (B) community participation
(C) intersectoral coordination (D) modern technology
146. In Bishop's score all are included except :
(A) Effacement of cervix (B) Dilatation of cervix
(C) Station of head (D) Interspinous diameter
147. Infective form for humans in Plasmodium falciparum is -
(A) Merozoites (B) Gametocytes
(C) Trophozoites (D) Sporozoites
148. Study of death is known as
(A) trichology (B) omithology
(C) odontology (D) thanatology
149. All are complications of phototherapy except
(A) Passing loose green stools (B) Hypercalcemia
(C) Hyperthermia (D) Bronze discoloration of skin
150. In the distal part of a cut nerve, which of these is the first change observed
(A) Sprouting (B) Schwann cells proliferation
(C) Myelin degeneration (D) Axonal degeneration
151. Steering wheel injury on chest of a young man reveals multiple fractures of ribs and paradoxical movement with severe respiratory distress. X-ray shows pulmonary contusion on right side without pneumothorax. What is the initial treatment of choice?
(A) Immediate internal fixation
(B) Endotracheal intubation and mechanical ventilation
(C) Thoracic epidural analgesia and O₂ therapy
(D) Stabilization with towel clips

152. Genital ulcer in all of the following sexually transmitted infection except
(A) Syphilis (B) chancroid
(C) herpes genitalis (D) gonorrhoea
153. Blighted ovum is :
(A) Synaptic knobs (B) Avascular villi
(C) intervillous hemorrhage (D) None
154. All of the following may be seen in Primary pulmonary tuberculosis except -
(A) Cavitation (B) Caseation
(C) Calcification (D) Giant cell formation
155. Accole or applique forms are seen in which species of Plasmodium ?
(A) vivax (B) falciparum
(C) ovale (D) malariae
156. A young patient presents with a massive injury to proximal duodenum, head of pancreas and distal common bile duct. The procedure of choice in this patient should be:
(A) Roux-en-Y anastomosis
(B) Pancreaticoduodenectomy (Whipple's operation)
(C) Lateral tube jejunostomy
(D) Retrograde jejunostomy
157. Which of the following diagram is not used to present qualitative data?
(A) Bar diagram (B) Spot diagram
(C) Histogram (D) Map diagram
158. Duration of first heart sound is -
(A) 0.15 sec (B) 0.12 sec
(C) 0.08 sec (D) 0.1 sec
159. Most common cause of abortion in first trimester is, a defect in :
(A) Placenta (B) Uterus
(C) Embryo (D) Ovarian

160. Most commonly used method of excreta disposal during the organisation of the camps & fire is
(A) Trench latrine (B) Septic tank
(C) Aqua privy (D) Bore hole latrine
161. Telefono is
(A) beating the sole with rod
(B) beating of ears
(C) forced immersion of head until stage of suffocation
(D) tying of a plastic bag over head
162. Apgar score system contains all of the following criteria EXCEPT?
(A) Respiratory rate (B) Color
(C) Motor activity (D) Heart Rate
163. What is Frey's syndrome following parotidectomy?
(A) Gustatory sweating
(B) Dry mouth due to reduction in salivary flow
(C) Development of a sialocele over the parotid bed
(D) Cosmetic deformity due to loss of parotid bulk
164. A 56 year old man with T2N0M0 SCC of the lateral oral tongue is scheduled for the partial glossectomy with selective neck lymph node dissection-Level 1, 2, 3 in the ipsilateral neck. Which of the following statements is true regarding the anatomic classification of cervical lymphatic nodal basins?
(A) Level 1a contains the submandibular gland
(B) Level 4 is bounded anteriorly by the strap muscles
(C) Level 2 is bounded superiorly by the cricoid cartilage
(D) Tumours of the larynx most commonly metastasize to level 1
165. A drop in fetal heart rate that typically lasts less than 2minutes and usually associated with umbilical cord compression is called :
(A) Early deceleration (B) Late deceleration
(C) Variable deceleration (D) Prolonged deceleration

166. Hospital acquired infections are considered if the patients acquire the infections after following hours of hospital admission
(A) 24 hr (B) 36hr
(C) 48hr (D) 60hr
167. A 40-year old man brought to the emergency room with a stab injury to the chest. On examination patient is found to be hemodynamically stable. The neck veins are engorged and the heart sounds are muffled. The following statements are true for this patient except:
(A) Cardiac tamponade is likely to be present
(B) Immediate emergency room thoracotomy should be done
(C) Echocardiogram should be done to confirm pericardial blood
(D) The entry wound should be sealed with an occlusive dressing
168. Symptoms involved with larvae of *Ascaris lumbricoides* are -
(A) Cerebral symptoms (B) Cardiac symptoms
(C) Respiratory symptoms (D) Genito urinary symptoms
169. Gluconic acid formation requires which enzyme-
(A) Glucose dehydrogenase (B) glucose dehydratase
(C) glucose oxidase (D) glucokinase
170. Most common cause of the maternal mortality in india
(A) Post partum hemorrhage (B) Ante partum hemorrhage
(C) Obstructed labour (D) Abortion
171. Embryo reduction in multiple pregnancy is done at :
(A) 8-10 weeks (B) 11-13 weeks
(C) 13-15 weeks (D) 16-18 weeks
172. In autopsy, preservative used for vitreous is
(A) fluoride (B) HCl
(C) phenol (D) xylol

173. Investigation of choice for child with appendicitis?
(A) USG (B) CT scan
(C) abdominal X ray (D) barium enema
174. A 75 year old man with a long history of tobacco use comes to the office with a newly discovered tongue mass. A 3 cm ulcerated lesion is noted on the right anterior aspect of the tongue. Biopsy of the lesion demonstrates SCC. CECT neck shows enlarged 2 cm LN in the level 2 region on the left side. How would you stage this Patients disease?
(A) T2N2CM0 (B) T2N2BM0
(C) T1N2CM0 (D) T2N2CM1
175. Hypokalemia in an infant may be due to all following except:
(A) Adrenal tumour (B) Acute renal failure
(C) Thiazide therapy (D) Diarrhea
176. Baby friendly hospital initiative has its special focus on
(A) Neonatal resuscitation
(B) Early detection of congenital & genetic abnormalities
(C) Breastfeeding
(D) Universal immunization of children
177. Common cause of retained placenta
(A) Atonic uterus (B) Constriction ring
(C) Placenta accrete (D) Poor voluntary expulsive efforts
178. During resuscitation, artefacts of fractured ribs most commonly involve:
(A) 2nd – 4th ribs (B) 3rd – 5th ribs
(C) 4th – 6th ribs (D) 5th – 7th ribs
179. Culture media used for cultivation of *Entamoeba histolytica* are -
(A) Philip's medium (B) Jones medium
(C) Diamond's medium (D) All of the above

180. Which of these is endothelium derived relaxing factor -
(A) NO₂ (B) NO
(C) N₂O (D) SO₂
181. Spalding sign is seen in
(A) drowning (B) mummification
(C) adipocere (D) maceration
182. A 8 week old infant can do all except:
(A) social smile (B) Head lag on pull to sit maneuver
(C) Turns his head to to sound (D) None
183. Following are Absolute contraindication for intra uterine device insertion in a woman except
(A) suspected pregnancy (B) pelvic inflammatory
(C) anemia (D) previous ectopic pregnancy
184. In PIH an impending sign of eclampsia is :
(A) Visual symptoms (B) Weight gain of 2lb per week
(C) Severe proteinuria of 10 g (D) Pedal oedema
185. A 45 year old male having a long H/O smoking presented with gangrene of left foot. An amputation of the left foot was done. Representative sections from the specimen revealed the presence of arterial thrombus with neutrophilic infiltrate in the arterial wall. The inflammation also extended into the neighbouring veins and nerves. The most probable diagnosis is:
(A) Takayasu arteritis (B) Giant cell arteritis
(C) Hypersensitivity angitis (D) TAO
186. Organisms which can be isolated from both sputum and stool are -
(A) P. carinii (B) Pragnomus
(C) Fasciola (D) Chlonorchis

187. Which of the following is increased in type I hyperlipoproteinemia -
(A) VLDL (B) Chylomicrons
(C) LDL (D) HDL
188. How much amount of vitamin B12 has been recommended by ICMR for a lactating mother?
(A) 0.5 mcg (B) 1.5mcg
(C) 2.5mcg (D) 3.5mcg
189. Concentration of MgSO₄ in the treatment of eclampsia in mEq/L :
(A) 7-10 (B) 10-15
(C) 2-4 (D) 4-7
190. Formication and delusion of persecution occurs together in
(A) LSD (B) Amphetamine
(C) Cannabis (D) Cocain
191. Which nerve must be transacted as part of a superficial parotidectomy?
(A) The facial nerve (B) The hypoglossal nerve
(C) The greater auricular nerve (D) The auriculo-temporal nerve.
192. A 60-year-old man presents with a history of pins and needles in his left foot following multiple back operations and an ulcer over the plantar aspect of his second metatarsal head. What is the diagnosis?
(A) Diabetic Ulcer (B) Marjolin's Ulcer
(C) Neuropathic Ulcer (D) SLE
193. How many members should be included for effective " group discussion" in practice of health education?
(A) less than 6 (B) 6-12
(C) 13-18 (D) >18

194. For medical termination of pregnancy, consent should be obtained from ?
(A) The male partner
(B) The male as well as the female partner
(C) The female partner
(D) Consent is not required
195. All of the following are enrichment media except -
(A) Tetrathionate broth (B) Thioglycolate broth
(C) Dorsett's egg (D) Selenite 'F' broth
196. All are seen in Marasmus EXCEPT:
(A) Muscle wasting (B) Hepatomegaly
(C) Low insulin (D) Dehydration
197. Which out of the following statistics represent 50th percentile?
(A) mean (B) median
(C) mode (D) standard deviation
198. Antiprogestosterone compound RU-486 is effective for inducing abortion if the duration of pregnancy is upto :
(A) 63 days (B) 72 days
(C) 88 days (D) 120 days
199. Cephalic phase of gastric secretion starts -
(A) On stress (B) On sight of food
(C) On food entering stomach (D) On food entering intestine
200. A patient with critical lower limb ischemia presents with:
(A) Intermittent claudication
(B) Intermittent claudication and gangrene
(C) Rest pain and ischemic ulcers
(D) Intermittent claudication and ischemic ulcers

201. Sweating is not present in
(A) heat syncope (B) heat cramps
(C) heat stroke (D) heat fatigue
202. In a 4-year-old with recurrent bilateral parotid swelling made worse on eating, what is the most likely diagnosis?
(A) Sialolithiasis (B) Salivary duct stricture
(C) Sjögren's syndrome (D) Recurrent parotitis of childhood
203. An 80-year-old woman presents with a recently fractured neck of femur and a swollen painless warm leg; all peripheral pulses are palpable. Which of the following would be a most appropriate form of management?
(A) Thromboembolic deterrent (TED) stockings and prophylactic Fragmin
(B) Thrombolysis
(C) Palma procedure
(D) Anticoagulation
204. Out of following statements which of the following is true for randomized controlled trial?
(A) groups are representative of population
(B) bias may arise during evaluation
(C) both control & study group should be comparable
(D) does not eliminate the confounding factors
205. A positive " Stallworthy Sign" is suggestive of which of the following conditions :
(A) Twin pregnancy (B) Breech presentation
(C) Vesicular mole (D) Low lying placenta
206. HBeAg also called envelope antigen is an indication for -
(A) Low infectivity and late convalescence
(B) Simple carrier and acute convalescence
(C) High infectivity and active replication
(D) None of the above

207. Beta hexosaminidase is absent in -
(A) Sandhoff's disease (B) Farber's disease
(C) Krabbe's disease (D) Tay Sach's disease
208. Dialysis is useful in poisoning with all of the following except
(A) methyl alcohol (B) barbiturates
(C) ethylene glycol (D) copper sulphate
209. Projectile vomiting is a feature of:
(A) Esophageal atresia (B) Hypertrophic pyloric stenosis
(C) Cholera (D) Intussusception
210. Mid day meal provided in school should be
(A) 1/2 of total calories, 1/2 of protein
(B) 1/3 of total calories, 1/2 of protein
(C) 1/2 of total calories, 1/3 of protein
(D) 1/3 of total calories, 1/4 of protein
211. Maternal Near miss refers to :
(A) Teenager becoming pregnant
(B) Contraceptive failure in a teenager
(C) A woman presenting with life threatening condition but has survived
(D) A woman presenting with life threatening condition who has died
212. A 42-year-old woman presents with primary varicose veins and severe symptoms with a needle phobia. Duplex scan shows an isolated saphenofemoral junction incompetence and long saphenous vein reflux. Which of the following is the most appropriate form of treatment?
(A) Endovascular laser treatment (EVLT)
(B) Valve surgery
(C) Foam sclerotherapy
(D) Saphenofemoral ligation, stripping and stab avulsions

213. Media used to see lactose fermentation are all except -
(A) Eosine methylene blue (B) Mac Conkey's agar
(C) Deoxycholate agar (D) All of the above
214. Ideal place to record body temperature in dead body is
(A) rectum (B) axilla
(C) mouth (D) groin
215. Estrogen, progesterone and inhibin are secreted by-
(A) Stroma (B) Surface epithelium of ovary
(C) Corpus luteum (D) None of the above
216. Clinical features of "hypothyroidism in a new born are all except:
(A) sluggishness+++ (B) large tongue
(C) large posterior fontanel (D) Mental retardation
217. Kuppaswamy's scale for the socioeconomic classification considers all following parameters except
(A) Education (B) Income
(C) Housing (D) Occupation
218. Which is the best method to assess foetal damage in diabetes mother in 1st trimester :
(A) Blood sugar estimation
(B) Urine ketone assay
(C) Amniocentesis to see the level of sugar in amniotic fluid
(D) Glycosylated Hb
219. Which of the following is not a symptom of atherosclerotic occlusive disease at the bifurcation of the Aorta?
(A) Claudication of buttock and thigh
(B) Claudication of thigh
(C) Sexual impotence
(D) Gangrene localized to the feet

220. Who introduced the technique of sterilization -
(A) Lister Pasteur (B) Robert Koch
(C) Louis Pasteur (D) Edward Jenner
221. Metabolism of sulfur containing amino acids requires all except -
(A) Vitamin B6 (B) Vitamin B2
(C) Vitamin B12 (D) Folic acid
222. The most reliable criteria in Gustafson method of age estimation..
(A) attrition (B) secondary dentin deposition
(C) transparency of root (D) cementum apposition
223. Multi purpose health worker scheme in india was initiated following the recommendation of
(A) Srivastava committee (B) Bhore committee
(C) Kartar committee (D) Mudaliar committee
224. Drug of choice in Syphilis in pregnancy :
(A) Erythromycin (B) Azithromycin
(C) Penicillin (D) Cephalosporin / Ceftriaxone
225. A 45-years old man presents with progressive cervical lymph nodes enlargement, since 3 months. Most diagnostic investigation is?
(A) X-ray soft tissue (B) FNAC
(C) Lymph node biopsy (D) None of the above
226. Most common cause of sore throat in children is?
(A) RSV (B) Rhinovirus
(C) Influenza (D) Allergic
227. The following statements in relation to right ventricular myocardial infarction are correct except
(A) It may occur along with inferior wall myocardial infarction
(B) The ECG shows segment elevation in right precordial leads
(C) Prognosis is right ventricular involvement in inferior wall MI is bad
(D) The treatment includes intravenous diltiazem

228. Which of the following regarding varicose veins are true?
- (A) Varicose veins may cause venous claudication.
 - (B)** Varicose veins may be associated with the *fOXC2* gene.
 - (C) The prevalence of varicose veins is twice more common in women than in men.
 - (D) Right leg varicose veins are more common than left leg varicose veins.
229. The right coronary artery does not supply -
- (A)** Right bundle branch
 - (B) AV bundle
 - (C) AV Node
 - (D) SA Node
230. Best indicator for sterilization by autoclaving is -
- (A) *Bacillus subtilis*
 - (B) *Bacillus pumilis*
 - (C)** *Bacillus stearothermophilus*
 - (D) *Clostridium*
231. A patient presented to emergency ward with massive upper gastrointestinal bleed. On examination, he has mild splenomegaly. In the absence of any other information available. Which of the following is the most appropriate therapeutic modality?
- (A) Intravenous propranolol
 - (B) Intravenous vasopressin
 - (C) Intravenous pantoprazole
 - (D)** Intravenous somatostatin
232. Which of the following controls depth of inspiration by controlling the switch off point of inspiratory ramp -
- (A) Pons
 - (B) Apneustic centre
 - (C) Posterior medulla
 - (D)** Pneumotaxic centre
233. Increased ICT is shown by?
- (A) Miosis
 - (B) Systemic hypotension
 - (C) Tachycardia
 - (D)** Reduction in GCS
234. Fracture ala signature is..
- (A) gutter fracture
 - (B)** depressed fracture
 - (C) ring fracture
 - (D) sutural separation

235. Child with croup, well hydrated, feeding well, consolable. T/t is:
(A) Dexamethasone
(B) Racemic epinephrine
(C) antibiotics
(D) Nasal washing for influenza and RSV
236. Abductor initiator is -
(A) Supraspinatus (B) Trapezius
(C) Serratus anterior (D) Deltoid
237. Which one of the following is the IOC for suspected DVT of the lower extremity?
(A) Radioactive labelled fibrinogen uptake
(B) Ascending contrast phlebography
(C) D-Dimer estimation
(D) Duplex USG
238. Which of these is false ?
(A) Superficial inguinal ring is an opening in external oblique aponeurosis
(B) Deep inguinal ring is an opening in fascia transversalis
(C) Conjoint tendon forms lateral 2/3rd of posterior wall of inguinal canal
(D) Internal oblique forms roof as well as anterior wall of inguinal canal
239. Which of these lymphoid tissue are present in white pulp of spleen as periarteriolar lymphatic sheaths ?
(A) B - cells
(B) T - cells
(C) Dendritic antigen presenting cells
(D) All of the above
240. Glasgow coma scale motor 4 represents
(A) Withdrawal on flexion (B) Decorticate posturing
(C) Decerebrate posturing (D) Localize pain

241. After undergoing femoral embolectomy and fasciotomy, a patient becomes oliguric, and the urine is brownish red. Immediate treatment includes which of the following?
- (A) IV vasodilators
 - (B) IV NaHCO₃ and mannitol**
 - (C) Cessation of the IV use of Heparin
 - (D) Restoration of the serum potassium levels
242. With regards to Raynaud's disease or phenomenon, which of the following statement is correct?
- (A) It is characterised by sequential phases of pallor, cyanosis and rubor in the upper extremities that are initiated by exposure to heat or emotional stress.
 - (B) It is seen most frequently in old women
 - (C) It is characterised by a pathological mechanism that involves vasospasm with a reduction in dermal circulation**
 - (D) Cervical sympathectomy is usually the primary therapy
243. Most likely causative agent in a 18 year old girl presenting with watery diarrhoea is -
- (A) Rota virus
 - (B) V. cholerae**
 - (C) Salmonella
 - (D) Shigella
244. Wilm's Tumor commonly presents as?
- (A) Pain in the abdomen
 - (B) Abdominal mass**
 - (C) Fever
 - (D) Hematuria
245. Which of these does not form boundary of the Kochs traingle
- (A) Tricuspid valve ring
 - (B) Limbus fossa ovalis**
 - (C) Tendon of todaro
 - (D) Coronary sinus
246. Fingerprint pattern maybe impaired permanently in cases of
- (A) eczema
 - (B) scalds
 - (C) scabies
 - (D) leprosy**

247. Flexor of hip joints are all except -
(A) Psoas major (B) Sartorius
(C) Gluteus maximus (D) Rectus femoris
248. Dorsal pancreatic duct gives rise to all except -
(A) Body (B) Tail
(C) Neck (D) Uncinate process
249. In pneumococcal meningitis the empirical treatment given is
(A) Penicillin G (B) Doxycycline
(C) Tetracycline (D) Vancomycin+ceftriaxone
250. Rattling is due to:
(A) Secretion in trachea/ bronchi (B) Partial closure of glottis
(C) Oropharyngeal obstruction (D) Obstruction on larynx
251. Which of these is false about relations of renal artery and vein ?
(A) Left renal vein passes behind aorta
(B) Right renal vein is shorter than left renal vein
(C) Left renal vein passes in front of aorta and renal artery passes behind IVC
(D) Renal artery is a branch of abdominal aorta
252. Which of these does not hold true for ureter ?
(A) length is 25 cm.
(B) Totally retroperitoneal
(C) Constricted at its opening in lateral angle of trigone
(D) Narrowest part is uretero-pelvic junction
253. Which Pituitary adenoma is most common in Pituitary involvement due to Werner's syndrome?
(A) Somatotinoma (B) Insulinoma
(C) Prolactinoma (D) Galactinoma

254. Apo B -48 is found in
(A) VLDL (B) LDL
(C) HDL (D) Chylomicrons
255. Post-Operative patient with signs of deep vein thrombosis develops pulmonary embolism with dysnoea. Next step is
(A) UFH iv
(B) Subcutaneous Low molecular weight heparin
(C) Spiral CT scan
(D) Angiography
256. Hemoperfusion with charcoal is used in poisoning with
(A) barbiturate (B) methyl alcohol
(C) lithium (D) ethylene glycol
257. A patient is admitted with 3rd episode of deep venousthrombosis. There is no history of any associated medical illness. All of the following investigations are required for establishing the diagnosis except:
(A) Protein C deficiency (B) Antithrombin II deficiency
(C) Antibodies to factor VIII (D) Antibodies to cardiolipin
258. The following are all features of Neuroblastoma except:
(A) It is the most common childhood solid tumors
(B) Metastases occur early
(C) It can cause diarrhea
(D) Older children have a better prognosis
259. Features of hyperparathyroidism are all except
(A) Solitary adenoma (B) Malignant
(C) Thyroid malignancy (D) Parathyroid hyperplasia
260. Which is not an aryl phosphate
(A) parathion (B) tik-20
(C) malathion (D) paraoxon

261. Patient diagnosed with HIV and Tuberculosis. How to start ATT and cA.R.T?
(A) Start ATT first (B) Start cART first
(C) Start both simultaneously (D) Start cART only
262. Grade 1 lymphedema means-
(A) Pitting oedema up to the ankle
(B) Pitting oedema up to the knee
(C) Non pitting oedema
(D) oedema disappearing after the overnight rest
263. In India, what is the most common cause of unilateral lymphedema of lower limb?
(A) Lymphedema tarda
(B) Carcinoma of penis with metastatic nodes
(C) Filariasis
(D) Tubercular lymphadenopathy
264. Weakest support of uterus is -
(A) Utero sacral ligament (B) Round ligament
(C) Broad ligament (D) Levator ani
265. A diabetic normotensive patient of Enterococcus faecalis sepsis, on i.v. linezolid developed high anion gap metabolic acidosis with increased serum lactate and negative ketone. The acid base abnormality that is common is -
(A) Type 'A' lactic acidosis due to sepsis
(B) Metabolic acidosis of uncertain etiology
(C) Diabetic ketoacidosis
(D) Type 'B' lactic acidosis due to Linezolid
266. Chest radiographs of children with foreign body aspiration?
(A) are always abnormal
(B) may show over inflation of the involved lung
(C) Always show the foreign body
(D) Commonly show pneumothorax

267. Most common site for primary impact injury to pedestrian in motor vehicle accident is
(A) abdomen (B) chest
(C) head (D) limbs
268. Stimulation of which of these receptors causes moderate exercise tachypnea
(A) Lung receptors (B) Baro receptors
(C) J receptors (D) Proprioceptors
269. Sympathetic supply of ovary is through -
(A) T 10 - T 11 (B) T 10 - L 2
(C) T 11 - L 2 (D) T 10- T 12
270. Which of the following is given in the maintenance of severe persistent asthma
(A) Steroid (B) Leukotriene agonist
(C) Ipratropium bromide (D) Long acting beta2 agonist
271. Order of the following structures of fallopian tube from medial to lateral -
(A) Interstitium - Isthmus - Ampulla - Infundibulum
(B) Ampulla - Infundibulum - Isthmus - Interstitium
(C) Isthmus - Infundibulum - Ampulla - Interstitium
(D) Infundibulum - Isthmus - Ampulla - Interstitium
272. Which of these comes under biosafety level - 2 ?
(A) Human Influenza virus (B) Coxiella burnetti
(C) St. Louis encephalitis virus (D) Mycobacterium tuberculosis
273. Which of the following is a branch of thyro cervical trunk -
(A) Superior thyroid artery (B) Inferior thyroid artery
(C) Lowest thyroid artery (D) Accessory thyroid artery

274. What will be the effect on spirometry in case of lobectomy done in case of bronchogenic carcinoma
(A) Increased residual volume (B) Increased vital capacity
(C) Increased dead space ventilation (D) Increased closing volume
275. Gold standard investigation for diagnosing Pulmonary embolism
(A) HRCT Thorax (B) CECT Thorax
(C) Pulmonary angiography (D) Chest X ray & ECG
276. Which of these are diseases of basal ganglia-
(A) Parkinsonism (B) Chorea
(C) Athetosis (D) All of the above
277. Two hours after subtotal thyroidectomy for thyrotoxicosis, young woman rapidly becomes agitated and complains of increasing difficulty in breathing. Her pulse rate rises and central cyanosis is noticed on examination, her neck is found to be tensely swollen beneath the stitches. The most appropriate management in this case would be:
(A) Intranasal oxygen
(B) Passing an endotracheal tube in the ward
(C) Removing sutures from all layers in the ward and evacuation of hematoma
(D) Immediate transfer of the patient to the operation theatre for tracheostomy
278. Cocket& Dodd's operation is performed for which one of the following?
(A) S-F flush ligation (B) Sub fascial ligation
(C) DVT (D) Diabetic foot
279. Hyperpigmentation is seen with which hormone?
(A) FSH (B) LH
(C) TSH (D) ACTH
280. Unipolar flagellate organism that causes pneumonia
(A) Psudomonas (B) Mycoplasma
(C) Aeromonas (D) Klebsiella

281. The occurrence of hypothyroidism following administration of supplemental iodine to subjects with endemic iodine deficiency goitre is known as:
(A) Jod-Basedow effect (B) Wolff-Chaikoff effect
(C) Thyrotoxicosis factitia (D) De Quervain's thyroiditis
282. External Laryngeal Nerve is in close relation with-
(A) Superior Thyroid Artery (B) Inferior Thyroid Artery
(C) Middle Thyroid artery (D) Superior Thyroid Vein
283. Which of these are zinc containing enzymes
(A) Alcohol dehydrogenase (B) Carbonic anhydrase
(C) Lactate dehydrogenase (D) all of the above
284. Central bronchiectasis is seen with
(A) Cystic Adenomatoid Malformation
(B) Cystic fibrosis
(C) Broncho Carcinoma
(D) Tuberculosis
285. Ligament of Berry is found in -
(A) Uterus (B) Thyroid
(C) Liver (D) Fallopian tube
286. Every thalamic nuclei except these send axon to different part of cortex -
(A) Pulvinar nuclei (B) Intralaminar nuclei
(C) Anterior nuclei (D) Reticular nuclei
287. Irresistible sexual desire in male is known as
(A) sadism (B) tribadism
(C) satyriasis (D) nymphomania

288. Frei test is which type of hypersensitivity -
(A) Type I (B) Type II
(C) Type III (D) Type IV
289. Final repolarization in cardiac muscle is due to -
(A) Opening of Ca⁺⁺ channels (B) Opening of K⁺ channels
(C) Opening of Na⁺ channels (D) Closing of Na⁺ channels
290. Incorrect about Addison's disease is
(A) Hypoglycemia (B) Hypokalemia
(C) Loss of axillary and pubic hair (D) Salt craving
291. Which of these is a part of epithalamus -
(A) Pineal body (B) Posterior commissure
(C) Trigonum habenulae (D) All of the above
292. Auditory pathway is related to -
(A) Olivary nucleus (B) lateral geniculate body
(C) medial geniculate body (D) trapezoid body
293. Most common cause of non gonococcal urethritis is-
(A) Mycoplasma (B) Meningococci
(C) E. coli (D) Chlamydia trachomatis
294. Common carotid artery is palpated at -
(A) C3 (B) C3-C4 junction
(C) C4-C5 (D) C6
295. Most common cause of lung abscess in comatose patient
(A) Staph aureus (B) Oral anaerobes
(C) Klebsiella (D) Tuberculosis

- 296.** A 75-year-old man presents with a history of DVT 5 years ago and a recently healed venous ulcer. Duplex scan demonstrates isolated popliteal venous reflux. Which of the following is the most appropriate form of treatment?
(A) Class 2 Support stockings
(B) Valve surgery
(C) Foam sclerotherapy
(D) Saphenofemoral ligation, stripping and stab avulsions
- 297.** Which one of the following is least expected to precipitate hepatic encephalopathy in a liver cirrhosis patient
(A) Peritoneal tap
(B) **(B)** Antibiotic treatment
(C) Variceal bleed
(D) Hypokalemia
- 298.** A 38-year-old woman complains of painful breasts of some 6 months' duration. She noticed a lump in her right breast 6 weeks ago and feels that the size of the lump waxes and wanes with her periods, which are regular. What's your diagnosis?
(A) Fibro adenoma
(B) DCIS
(C) Galactocele
(D) ANDI
- 299.** Which of the following is a branch of 3rd part of subclavian artery -
(A) vertebral artery
(B) thyrocervical trunk
(C) dorsal scapular artery
(D) internal thoracic artery
- 300.** Vertebral artery does not pass through -
(A) Foramen magnum
(B) **(B)** Intervertebral foramen
(C) Subarachnoid space
(D) Vertebral triangle