

PGM-CET 2014
QUESTION BOOKLET

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| Question Booklet Version | | |
| <table border="1" style="margin: auto;"><tr><td style="text-align: center;">3</td><td style="text-align: center;">3</td></tr></table> <p style="text-align: center;">Thirty three (Write this number on your Answer Sheet)</p> | 3 | 3 |
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| PGM - CET - 2014 Roll No. | | | | | |
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| Answer Sheet No. | | | | | |
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| Question Booklet Sr. No. |
| (Write this number on your Answer Sheet) |

Day and Date : Sunday, 5th January 2014
Time: 10.00 a.m. to 1.30 p.m.

Duration: 3 Hours 30 Minutes
Total Marks : 300

This is to certify that, the entries of PGM-CET Roll No. and Answer Sheet No. have been correctly written and verified.

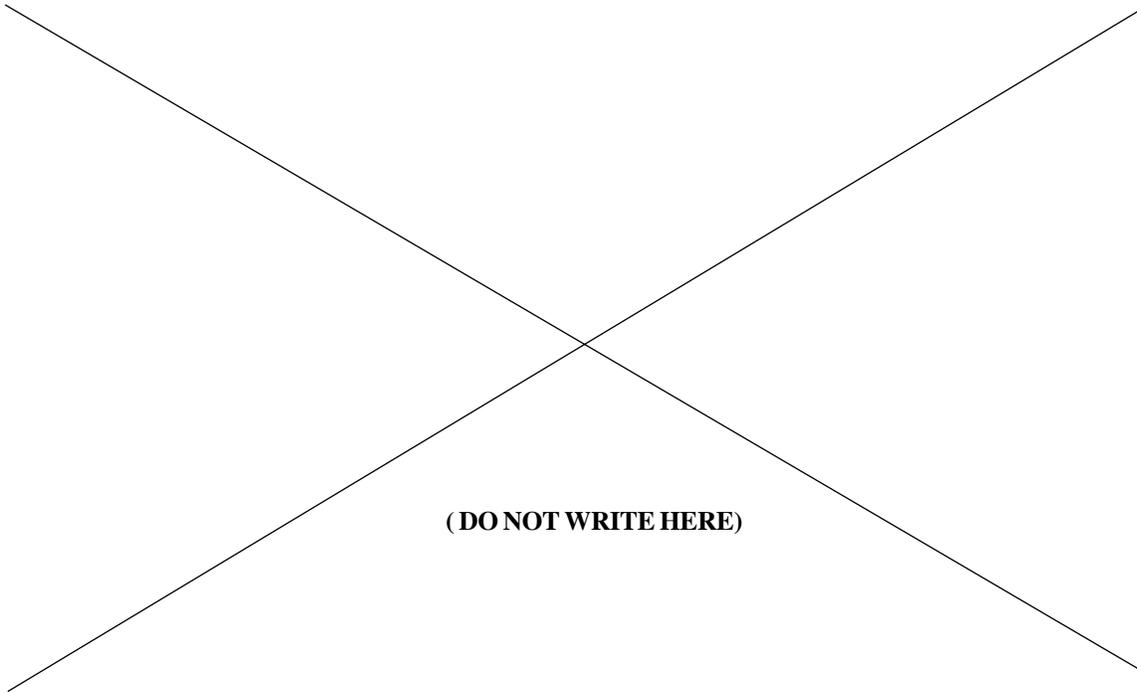
Candidate's Signature

Invigilator's Signature

Instructions to Candidates

1. **The Question Booklet has one seal sticker. Examinee should open the seal at 10.00 a.m.**
2. This question booklet contains 300 Objective Type Questions (Single Best Response Type MCQ) in the subjects of MBBS.
3. **The Question Paper and OMR (Optical Mark Reader) Answer Sheets** are issued to examinees separately at the beginning of the examination session.
4. Choice and sequence for attempting questions will be as per the convenience of the candidate.
5. Candidate should carefully read the instructions printed on the Question Booklet and Answer Sheet and make the correct entries on the Answer Sheet. As Answer Sheets are designed to suit the OPTICAL MARK READER (OMR) SYSTEM, special care should be taken to mark appropriate entries/answers correctly. Special care should be taken to fill QUESTION BOOKLET VERSION, QUESTION BOOKLET SERIAL No. and PGM-CET Roll No. accurately. The correctness of entries has to be cross-checked by the invigilators. **The candidate must sign on the Answer Sheet and Question Booklet.**
6. Read each question carefully.
Determine **ONE** correct answer from out of the four available options given for each question.
All the candidates are instructed to **carefully see in Question Booklet the Serial No. of MCQ and the sequence of options A), B), C) and D) in the MCQ** while entering the answer in the Answer Sheet.
7. Fill the appropriate circle completely like this ●, for answering the particular question, with **Black ink Ball point pen only**, in the OMR Answer Sheet. Candidate should completely darken one and the only one best response (oval). Candidate should not use any other method for answering i.e half circle, dot, tick mark, cross etc. as these may not be read by the scanner. Answer sheet of each candidate will be evaluated by computerized scanning method only (Optical Mark Reader) and there will not be any manual checking during evaluation and verification.
8. Each answer with correct response shall be awarded one (1) mark. There is **No Negative Marking**. If the examinee has marked two or more answers or has done scratching and overwriting in the Answer Sheet in response to any question, or has marked the circles inappropriately, mark(s) shall NOT be awarded for such answer/s.
9. Use of whitener or any other material to erase/hide the circle once filled is not permitted.
Avoid overwriting and/or striking of answers once marked.
10. Rough work should be done only on the blank space provided on the Question Booklet. **Rough work should not be done on the Answer Sheet.**
11. Confirm that both the candidate and invigilator have signed on question booklet and answersheet. Immediately after the prescribed examination time is over, the **Question Booklet and Answer Sheet are to be returned to the invigilator.**
12. No candidate is allowed to leave the examination hall till the examination session is over.

P.T.O.



(DO NOT WRITE HERE)

SPACE FOR ROUGH WORK



1. Hitzelberger's sign is seen in
 - A) Acoustic Neuroma
 - B) Glomus Jugulare
 - C) Glomus Tympanicum
 - D) Meniere's disease
2. Anterior pillar of tonsil is formed by
 - A) Palatopharyngeus muscle
 - B) Palatoglossus muscle
 - C) Genioglossus muscle
 - D) Hyoglossus muscle
3. CSF rhinorrhoea is diagnosed by
 - A) Beta 2 microglobulin
 - B) Thyroglobulin
 - C) Albumin
 - D) Beta 2 transferrin
4. Tripod fracture involves
 - A) Ethmoid complex
 - B) Zygomatic complex
 - C) Orbital floor
 - D) Mandible
5. The most common organism causing acute otitis media is
 - A) H. influenza
 - B) S. pneumoniae
 - C) M. catarrhalis
 - D) S. aureus
6. Which of the following radioisotopes is most commonly used for HDR brachytherapy treatment ?
 - A) I – 125
 - B) CO – 60
 - C) Ir – 192
 - D) CS – 137
7. Craniospinal axis irradiation is indicated in the management of
 - A) Glioblastoma
 - B) Meningioma
 - C) Astrocytoma
 - D) Medulloblastoma
8. Simulators are primarily used to
 - A) Localize the tumor
 - B) Duplicate the geometry of therapy machines
 - C) Duplicates the mechanical movements of therapy machines
 - D) All of the above
9. If plasma volume is 3 liters and hematocrit is 0.40, then total blood volume would be
 - A) 6 liters
 - B) 4.5 liters
 - C) 5 liters
 - D) 4 liters
10. The extra osmotic pressure in normal human plasma over and above that caused by dissolved proteins is due to
 - A) Donnan effect
 - B) Starling's Forces
 - C) Nernst potential
 - D) Reynold's number



41. Which of the following contributes to the development of the thoraco-abdominal diaphragm ?
A) Pleuropericardial membrane B) Dorsal mesentery of oesophagus
C) Splanchnopleuric mesoderm D) Intermediate mesoderm
42. Which of the following muscle is pierced while tapping of pleural fluid in mid-axillary line in 6th intercostal space ?
A) Pectoralis Major B) Transverse thoracis
C) Serratus Anterior D) External oblique
43. A stab wound to the arm severs the musculocutaneous nerve in a young girl resulting in
A) Loss of sensations on medial aspect of forearm
B) Weakness in supination of the forearm
C) Difficulty in extending the elbow
D) Paralysis of Teres major muscle
44. Incudo-stapedial joint is which type of synovial joint ?
A) Plain B) Saddle
C) Ball and Socket D) Condylar
45. Recurrent laryngeal nerve supplies following muscles EXCEPT
A) Posterior cricoarytenoid B) Lateral cricoarytenoid
C) Cricothyroid D) Oblique arytenoid
46. Mecasermin is indicated in
A) Active or suspected neoplasia
B) Intracranial hypertension
C) Impaired growth due to GH-deficiency
D) Enlarged tonsils due to lymphoid hypertrophy
47. Antiepileptic action of phenobarbitone may be counteracted by
A) Vit. B₁₂ B) Vit. C
C) Folic acid D) Iron preparations
48. NSAIDS are commonly used as first line therapy in the pain of
A) Malignancy B) Migraine
C) Neuropathy D) Visceral pain except dysmenorrhea
49. Chemokine co-receptor 5 (CCR 5) inhibitor is
A) Enfuvirtide B) Maraviroc C) Raltegravir D) Atazanavir
50. Tiprolisant is
A) H₃ Receptor agonist B) H₃ Receptor antagonist
C) Partial H₃ Receptor agonist D) Inverse H₃ Receptor agonist



51. T_1 and T_2 images are features of one of diagnostic modality enumerated below
A) USG B) CT Scan C) PET CT D) MRI
52. Hysterosalpingography Procedure (HSG) should be performed
A) During ovulation period
B) Just after ovulation period
C) During the period of menstrual bleeding
D) In first half of menstrual cycle, following cessation of bleeding
53. Congenital diaphragmatic hernia through foramen of Bochdalek is situated
A) Anteriorly B) Postero laterally
C) Diaphragmatic hiatus D) Antero laterally
54. Absence of clavicle is a feature of
A) Cleido cranial dysplasia B) Multiple epiphyseal dysplasia
C) Fibrous dysplasia D) Cranio-metaphyseal dysplasia
55. In Radiotherapy, electrons are mostly used to treat
A) Prostate cancer B) Brain tumours
C) Retinal Malignancies D) Skin cancers
56. Which one of the following is NOT a feature of type two respiratory failure ?
A) PCO_2 38 mm Hg B) PCO_2 68 mm Hg
 PO_2 50 mm Hg PO_2 50 mm Hg
C) Papilledema D) Asterixis
57. Which of the following is most specific and sensitive screening test in renovascular hypertension ?
A) HRCT abdomen
B) CT guided angiography
C) Captopril induced radionuclide scan
D) MRI abdomen
58. All of the following criteria are required for diagnosis of obesity hypoventilation syndrome EXCEPT
A) Hypertension B) $BMI \geq 30 \text{ kg/m}^2$
C) Sleep disordered breathing D) $PaCO_2 \geq 45 \text{ mm of Hg}$
59. All of the following are complications of acute pancreatitis EXCEPT
A) Hyperglycemia B) Hyperkalemia
C) Hypertriglyceridemia D) Hypocalcemia
60. The precore mutants in Hepatitis B are characterised by notable absence of
A) HBV DNA B) HBeAg
C) HBcAg D) Anti HBeAg



61. The maternal uniparental disomy for chromosome 15 results in
A) Angelman Syndrome B) Prader – Willi Syndrome
C) Pallister – Killian Syndrome D) Hypomelanosis of ITO
62. 13 year old female child presented with recurrent sinusitis fever, arthralgia, respiratory distress, Haematuria and hypertension. Renal Biopsy showed necrotizing granuloma. The anti proteinase-3 ANCA was positive. The most likely diagnosis is
A) Polyarteritis Nodosa B) Wegener’s Granulomatosis
C) Microscopic Polyangitis D) Churg-Strauss Syndrome
63. The average whey/casein ratio in Breast milk is
A) 60 : 40 B) 80 : 20 C) 20 : 80 D) 40 : 60
64. Most common cause of Bronchiolitis in children is
A) Adenovirus B) Measles C) RSV D) Poliovirus
65. “Sweaty feet” odour to urine occurs in
A) Homocystinurea B) Isovaleric acidemia
C) Phenylketonuria D) Alkaptonuria
66. The floating tip of the iceberg represents _____ cases.
A) Clinical B) Latent
C) Presymptomatic D) Inapparent
67. Which of the following is NOT included as fundamental aspects of disaster management ?
A) Disaster prevention B) Disaster Response
C) Disaster preparedness D) Disaster mitigation
68. Which of the following is NOT an approach of health education ?
A) Regulatory B) Primary health care
C) Service D) Management
69. All of the following categories of biomedical waste can be disposed of by the method of Incineration EXCEPT
A) Category 1 B) Category 2
C) Category 3 D) Category 4
70. Consumption of which of the following cereal as staple diet is associated with Pellagra ?
A) Rice B) Wheat C) Maize D) Bajara
71. Hydrolytic enzymes are found in
A) Ribosomes B) Lysosomes
C) Golgi Apparatus D) Peroxisome



72. The symptoms of dietary deficiency of niacin (which results in pellagra) will be less severe if the diet has a high content of
A) Tryptophan B) Tyrosine C) Thymine D) Thiamine
73. All of the following are electron carriers in the electron transport chain EXCEPT
A) Coenzyme Q B) Fe-S centres C) Cytochromes D) Hemoglobin
74. Which one of the following conditions causes hemoglobin to release oxygen more readily ?
A) Metabolic Alkalosis
B) Hyperventilation, leading to decreased levels of CO₂ in the blood
C) Increased production of 2, 3-bisphosphoglycerate (BPG)
D) Replacement of β subunits with γ subunits
75. All of the following are the sources for Gluconeogenesis EXCEPT
A) Lactate B) Glycerol C) Palmitate D) Alanine
76. Respiratory toxicity of oxygen therapy can result in all EXCEPT
A) increased pulmonary compliance
B) ARDS like syndrome
C) pulmonary atelectasis
D) bronchopulmonary dysplasia in newborn
77. During airway management in an unconscious trauma patient with possible cervical injury, one of the following should be avoided
A) jaw thrust maneuver B) neck hyperextension
C) manual neck stabilisation D) application of cervical collar
78. The local anaesthetic with highest cardiotoxicity is
A) Lignocaine B) Bupivacaine
C) Levo-bupivacaine D) Procaine
79. Least pungent inhalational induction agent for children is
A) Halothane B) Sevoflurane
C) Isoflurane D) Desflurane
80. An Aplastic crisis and sequestration crisis during Anaesthesia can occur in which one of the following disease ?
A) Thalassemia
B) Sickle cell disease
C) Aplastic anaemia
D) Glucose 6 phosphate dehydrogenase deficiency



81. Which of the below is an example of affective learning ?
A) Measuring pulse rate
B) Enumerating causes of obesity
C) Motivating a person for blood donation
D) Arriving at differential diagnosis
82. Which of the oils given below is the best source of linoleic acid ?
A) Ground nut
B) Mustard
C) Palm
D) Coconut
83. In which phase of demographic cycle is India now ?
A) High stationary
B) Early expanding
C) Late expanding
D) Low stationary
84. In patient with Malaria, if fever has periodicity of 72 hours, which one of the following is likely to be causative agent ?
A) *P. falciparum*
B) *P. vivax*
C) *P. ovale*
D) *P. malariae*
85. In clinical trials one can take care of the effects of unknown confounders by
A) Matching cases and controls
B) Randomization of study subjects
C) Proper selection of cases and controls
D) Properly measuring exposure and outcome
86. The blood index which reflects iron deficiency more accurately is
A) MCV
B) MCH
C) MCHC
D) PCV
87. Councilman bodies are seen in
A) Wilson disease
B) Acute viral hepatitis
C) Alcoholic hepatitis
D) Autoimmune hepatitis
88. Krukenberg tumour of ovary is due to carcinoma of _____
A) Stomach
B) Lung
C) Central nervous system
D) Thyroid
89. Formation of granulation tissue is due to
A) Thrombosed vessels
B) Infiltration of cells
C) Budding of new capillaries
D) Mucosal proliferation
90. The appearance of cobweb formation in CSF indicates _____
A) Pyogenic meningitis
B) Viral meningitis
C) Tuberculous meningitis
D) Fungal meningitis



113. Which of the following is an absolute contraindication of LASIK ?
A) Rheumatoid arthritis B) Keratoconus
C) Amblyopia D) Prior penetrating keratoplasty
114. Most confirmatory sign of endotracheal intubation is
A) Chest rise B) Auscultation
C) Spirometry D) Capnography
115. The pin index safety system of oxygen is
A) 1, 5 B) 2, 5 C) 3, 5 D) 4, 5
116. Which of the following drug is prone to cause Gouty arthritis ?
A) Isoniazid B) Ethionamide
C) Pyrazinamide D) Streptomycin
117. Selective alpha one receptor blocker is
A) Atenolol B) Labetalol
C) Prazosin D) Carvedilol
118. Tranexamic acid is a
A) Antithrombotic B) Antifibrinolytic
C) Fibrinolytic D) Styptic
119. Digoxin acts by inhibiting
A) $\text{Na}^+ \text{K}^+$ ATPase B) $\text{H}^+ \text{K}^+$ ATPase
C) $\text{NA}^+ - \text{K}^+ - 2\text{Cl}$ channel D) $\text{Na}^+ - \text{H}^+$ ATPase
120. Therapeutic concentration of lithium in bipolar disorder is
A) 0.1 to 0.3 mEq/L B) 0.3 to 0.6 mEq/L
C) 0.5 to 0.8 mEq/L D) 0.8 to 1.2 mEq/L
121. Cyproheptadine has all of the following actions; EXCEPT
A) Antimuscarinic actions B) Antihistaminic actions
C) Antiserotonergic actions D) Antiadrenergic actions
122. Therapeutic use of Acetyl choline is NOT possible because it is
A) Highly protein bound B) Rapidly degraded
C) Rapidly excreted D) None of the above
123. Which one of the following antimalignancy drug is most nephrotoxic ?
A) Vincristine B) Cyclophosphamide
C) Cisplatin D) Methotrexate
124. Drug of choice in ulcerative colitis is
A) Sulfathiazole B) Sulfasalazine
C) Sulfadoxin D) Sulfacetamide



125. Proton Pump inhibitors are most effective when given
A) half hour before breakfast B) with meals
C) after prolonged fasting D) along with H₂ blockers
126. The drug considered as a risk factor for calciphylaxis is
A) calcium B) diuretic
C) warfarin D) heparin
127. Omalizumab is a blocking antibody that neutralises circulating
A) IgE B) Leukotrienes
C) Cromones D) TNF and antibodies
128. Which of the following factor is associated with better prognosis in adult onset tetanus ?
A) Incubation period < 7 days B) Period of onset > 48 hours
C) Systolic BP > 140 mm of Hg D) Heart rate > 140 bpm at admission
129. Following are potential complications of gene therapy EXCEPT
A) Genotoxicity B) Genome integration
C) Gene silencing D) Immunotoxicity
130. All of the following can be complications of hemodialysis EXCEPT
A) Hemorrhage B) Hypotension
C) Muscle cramps D) Anaphylactid reaction to dialyzer
131. Delusion is an abnormal variant of which of the following ?
A) Perception B) Thinking
C) Memory D) Intelligence
132. In a child with ADHD, while treating with drugs, the first choice of medicine is usually
A) Donepezil B) Atmoxetine
C) Clozapine D) Methylphenidate
133. The commonest psychiatric sequelae following traumatic brain injury is
A) Psychotic disorder B) Mood disorder
C) Anxiety disorder D) Substance use disorder
134. All are categories of learning disorders as per DSM IV-TR classification EXCEPT
A) Language Disorder B) Mathematics Disorder
C) Reading Disorder D) Disorder of Written Expression
135. Which of the following condition is called as 'Pseudo-dementia' ?
A) Confabulations B) Normal aging
C) Delirium D) Depression



147. The most suitable disinfectant for decontamination of HIV contaminated endoscope is
A) 1% sodium hypochlorite B) 2% glutaraldehyde
C) 5% phenol D) 70% ethanol
148. The Hepatitis D virus is a defective virus that requires its helper to provide
A) an envelope protein B) transcriptase to transcribe mRNA
C) replicase for its RNA D) reverse transcriptase
149. For determining the efficacy of sterilization in an autoclave, the spores of the following organism are used as test organisms
A) Bacillus cereus B) Clostridium perfringens
C) Bacillus stearothermophilus D) Clostridium histolyticum
150. A 25 year old female presented to the hospital on the third day of menstruation with complaints of high fever, vomiting and a rash on her trunk and extremities. On investigation she had leucocytosis and a negative blood culture. She is diagnosed as
A) Staphylococcal food poisoning B) Scalded skin syndrome
C) Toxic shock syndrome D) Varicella zoster infection
151. Medical Termination of Pregnancy (MTP) by MTP Act is permitted upto
A) 12 wks. B) 16 wks. C) 20 wks. D) 24 wks.
152. Red degeneration of fibroid commonly occurs in
A) Postpartum B) Antepartum C) Intrapartum D) Abortion
153. Streak ovaries are seen in which one of the following syndrome ?
A) Triple X B) Klinefelter's
C) Turner D) Swyer's
154. In normally menstruating women amenorrhea may be due to the following EXCEPT
A) Pregnancy B) Anovulation
C) Mullerian Agenesis D) Premature ovarian failure
155. In Cervical Intraepithelial Neoplasia Type I, undifferentiated cells are confined to
A) lower third of the epithelium B) lower 50-75% of the epithelium
C) entire thickness of epithelium D) none of the above
156. Treatment of pouch of Douglas abscess is
A) Laparotomy B) Posterior colpotomy
C) Antibiotics D) Extraperitoneal drainage
157. Which of the following does NOT contribute to enterobiliary fistula ?
A) Duodenal ulcers B) Gall stones
C) Gastric ulcer D) Carcinoma of gall bladder



158. Most common type of Breast Carcinoma is
A) Lobular carcinoma B) Colloid carcinoma
C) Medullary carcinoma D) Ductal carcinoma
159. Menetrier's disease is characterized by all EXCEPT
A) Hypertrophic gastric folds B) Foveolar Hyperplasia
C) Hypoproteinemia D) Benign condition
160. Alpha Feto Protein is raised in
A) Seminoma B) Teratoma
C) Embryonal carcinoma D) Yolk-Sac Tumor
161. Relative afferent pupillary defect is pathognomonic of
A) Optic neuritis B) Retinal Holes
C) Papilloedema D) Macular Edema
162. Physiological blind spot occurs because of
A) Fovea B) Macula
C) Optic disc D) Oraserrata
163. Foster Fuch's spots are seen in
A) Hypermetropia B) Iridocyclitis
C) Corneal ulcer D) Myopia
164. Satellite lesions are seen in
A) Mycotic corneal ulcer B) Bacterial corneal ulcer
C) Viral corneal ulcer D) Protozoal keratitis
165. One of the following is NOT a feature of Retinitis Pigmentosa
A) Arteriolar attenuation B) Optic atropy
C) Bony corpuscular pigments D) Disc haemorrhage
166. Delayed hypersensitivity is initiated by
A) CD₃+T cells B) CD₄ + T cells
C) CD₈ + T cells D) CD₁₀ + T cells
167. Bernad-Soulier syndrome is a defect in platelet
A) Aggregation B) Adhesion
C) Release reaction D) Morphology
168. In Acute lymphoblastic leukaemia favourable prognostic factors includes all EXCEPT _____.
A) age of 2 to 10 yrs B) low white cell count
C) presence of t (12; 21) D) presence of t (9; 22)



169. Chloroma is due to
A) AML
B) CLL
C) ALL
D) Non Hodgkin's lymphoma
170. Which of the following is associated with hypersensitive pneumonitis ?
A) Silicosis
B) Asbestosis
C) Byssinosis
D) Berylliosis
171. Growth hormone secretion is decreased in
A) REM sleep B) Stress C) Exercise D) Fasting
172. Resting membrane potential in mammalian spinal motor neurone is close to equilibrium potential of
A) Na^+ B) Cl^- C) K^+ D) Mg^{++}
173. Sperms develop the capability of motility in the
A) Seminiferous tubules B) Epididymis
C) Vas deferens D) Female genital tract
174. After a carbohydrate rich meal insulin secretion is stimulated by
A) Cholecystokinin B) VIP
C) GRP D) GLP-1
175. All of the following neurons in the cerebellar cortex are inhibitory EXCEPT
A) Purkinje cells B) Basket cells
C) Granule cells D) Golgi cells
176. Color coding of container for disposal of human anatomical waste is
A) Yellow B) Red
C) Blue D) Black
177. If a disease has three times more incidence in females as compared to males and same prevalence in both males and females, true statement will be
A) It is highly fatal in females B) More survival in females
C) Better prognosis in males D) Less fatal in males
178. Prophylaxis with vitamin 'C' is helpful in preventing
A) Fluorosis B) Neuro Lathyrism
C) Iodine deficiency D) Botulism
179. Which of the following is NOT a source of infection in plague ?
A) Case of bubonic plague B) Case of pneumonic plague
C) Infected rodents D) Infected fleas
180. The base of the Food Guide Pyramid is formed by
A) Cereals and pulses B) Fruits and vegetables
C) Milk and milk products D) Meat, poultry and fish



193. A drug addict presented to psychiatry OPD with complaints of lacrimation, abdominal cramps, rhinorrhoea, diarrhoea and insomnia. He is suffering from
A) Opioid withdrawal B) Opioid intoxication
C) Cannabis intoxication D) Amphetamine withdrawal
194. All of the following are true about Lithium (Li), EXCEPT
A) Propranolol is effective in Li induced tremors
B) Li is drug of choice for treatment of mania in 1st trimester of pregnancy
C) Li has been effective in treatment of depression associated with Bipolar disorder
D) Most common adverse renal effect of Li is polyuria
195. Personality changes are commonly seen with lesion of which of the following ?
A) Limbic system B) Temporal lobe
C) Frontal lobe D) Occipital lobe
196. Which of the following disease can NOT be treated by Gene Therapy ?
A) Adenosine deaminase deficiency
B) Leukemia
C) Cystic Fibrosis
D) Thalassemia
197. The most important buffer system in the plasma is
A) Protein buffer B) Bicarbonate buffer
C) Phosphate buffer D) Hemoglobin buffer
198. The vitamin required for carboxylation of pyruvate to form oxaloacetate is
A) Thiamine B) Biotin C) Pyridoxine D) Niacin
199. The metabolic pathway that occurs partly in mitochondria and partly in cytosol is
A) TCA cycle B) Glycolysis
C) Urea cycle D) Oxidative phosphorylation
200. All of the following enzymes act as Antioxidant EXCEPT
A) Superoxide dismutase B) Lactate Dehydrogenase
C) Catalase D) Glutathione peroxidase
201. Satellite papules are characteristic of following type of leprosy.
A) Borderline Tuberculoid (BT) B) Polar Tuberculoid (TT)
C) Borderline Lepromatous (BL) D) Polar Lepromatous (LL)
202. Type of scale observed in Pityriasis rosea is
A) mica like B) powdery
C) silvery D) collarette like



203. The clinical features of seborrhoeic dermatitis include all of the following EXCEPT
- A) Folliculitis
 - B) Vesiculobullous lesions
 - C) Erythroderma
 - D) Blepharitis
204. Reticular lacy white pattern lesion on the buccal mucosa with skin lesions is a common clinical presentation of
- A) Reiter's disease
 - B) Pityriasis Rosea
 - C) Lichen planus
 - D) Lupus Vulgaris
205. Cardio Vocal Syndrome is also called
- A) Ortner's Syndrome
 - B) Lermoyez Syndrome
 - C) Pendred's Syndrome
 - D) Jaccoud's Syndrome
206. The major compatibility test before blood transfusion consists of cross matching of
- A) Donor's red cells and Receptients serum
 - B) Donor's serum and Receptients red cells
 - C) Donor's serum and Receptients serum
 - D) Donor's red cells and Receptients red cells
207. A grape like, polypoid, bulky mass protruding through vagina in a 4 yr old girl is characteristic of
- A) Fibrosarcoma
 - B) Sarcoma botryoides
 - C) Leiomyosarcoma
 - D) Inflammatory polyp
208. The type of vegetative endocarditis associated with mucinous adenocarcinoma is
- A) Infective endocarditis
 - B) Non-bacterial thrombotic endocarditis
 - C) Libman-sacks endocarditis
 - D) Rheumatic endocarditis
209. The absence of ganglion cells within the affected segment of bowel is a feature of
- A) Tropical sprue
 - B) Hirschsprung's disease
 - C) Celiac disease
 - D) Crohn's disease
210. Virchow's triad for thrombosis include all EXCEPT
- A) Endothelial injury
 - B) Stasis
 - C) Platelet aggregation
 - D) Hypercoagulability
211. When a solvent is moving in one direction, it tends to drag along some molecules of solute. This is called
- A) Filtration
 - B) Osmosis
 - C) Donnan effect
 - D) Solvent drag
212. Maximum contribution to total plasma osmolarity is by
- A) Na^+ and Cl^-
 - B) Plasma Proteins
 - C) Glucose
 - D) Urea



221. Modified Radical neck dissection does NOT preserve
A) Spinal accessory nerve B) External Jugular vein
C) Sternocleidomastoid muscle D) Internal Jugular vein
222. The loss of tension in vocal cord with diminished power and range of voice occurs in
A) Unilateral recurrent laryngeal nerve palsy
B) Bilateral recurrent laryngeal nerves paralysis
C) Ext. branch of superior laryngeal nerve palsy
D) Tracheomalacia
223. Melanocytes migrates from the neural crest to basal epidermis during
A) Neonatal life B) Childhood
C) Embryogenesis D) After birth
224. Mycetoma which occurs in foot is of two types of which the one is Actinomycetoma and second one is
A) Sudan mycetoma B) Eumycetoma
C) Yemenmycetoma D) Pseudomycetoma
225. In operation of pancreaticoduodenectomy for ca pancrease; one of the anastomons is known to leak more frequently
A) Choledochojejunostomy B) Gastrojejunostomy
C) Pancreaticojejunostomy D) None of the above
226. In absence of clinical evidence of thyroid disease, thyroid function tests showing low TSH, raised T₄ and normal or low T₃ indicates
A) subclinical thyrotoxicosis B) subclinical hypothyroidism
C) sick euthyroidism D) transient thyroiditis
227. Co-infection with which virus leads to change in antiretroviral therapy in people living with HIV ?
A) Cytomegalo virus B) Varicella virus
C) Hepatitis B virus D) JC virus
228. Drug of choice to treat H1N1 influenza is
A) Acyclovir B) Cidofovir
C) Oseltamivir D) Tenofovir
229. Isolated microscopic hematuria of glomerular origin is seen in
A) Acute glomerulo nephritis B) Hereditary nephritis
C) Acute interstitial nephritis D) Acute tubular necrosis
230. Gait disorder described as 'slipping clutch syndrome' occurs in
A) Cerebellar gait disorder B) Sensory gait disorder
C) Parkinson gait disorder D) Frontal gait disorder



252. Which one of the following is NOT a component of validity of a screening test ?
A) Sensitivity
B) Specificity
C) Precision
D) Predictive value
253. The difference in incidence rates of disease (or deaths) between an exposed group and non exposed group is known as
A) Relative Risk
B) Attributable Risk
C) Population Attributable Risk
D) Odds Ratio
254. Outbreaks of leptospirosis are usually expected after
A) Earthquakes
B) Floods
C) Mud slides
D) Avalanche
255. Which of the following vaccines is most sensitive to heat ?
A) Oral Polio vaccine
B) BCG vaccine
C) DPT vaccine
D) Measles vaccine
256. First line antiepileptic drug for treatment of myoclonic seizures is
A) Valproic acid
B) Phenytoin
C) Topiramate
D) Carbamazepine
257. The most common site for Amebiasis is
A) Sigmoid colon
B) Transverse colon
C) Cecum
D) Hepatic flexure
258. Recombinant human insulin is made by
A) CDNA from any Eukaryote cell
B) Genome of any Eukaryote
C) CDNA of Pancreatic cell
D) Genome of Pancreatic cell
259. Aplastic anemia in sickle cell anemia is due to infection of
A) Herpes
B) Parvovirus B 19
C) CMV
D) Papova
260. Widened anion gap is not seen in
A) Acute renal failure
B) Diarrhoea
C) Lactic acidosis
D) Diabetic ketoacidosis
261. The initiation of the first breath in a newborn is due to
A) \uparrow pH; \uparrow PaO₂; \downarrow PaCO₂
B) \downarrow pH; \downarrow PaO₂; \uparrow PaCO₂
C) \downarrow pH; \downarrow PaO₂; \downarrow PaCO₂
D) \downarrow pH; \uparrow PaO₂; \downarrow PaCO₂



262. Prodromal symptoms of eclampsia are all EXCEPT
A) Severe Headache B) Vomiting
C) Epigastric pain D) Convulsions
263. Following is true about oxytocin
A) It is decapeptide
B) Synthesized in posterior lobe of pituitary gland
C) Alcohol stimulates its release
D) It has half life of 3-4 minutes
264. Regarding prenatal genetic diagnosis (PGD) all are correct EXCEPT
A) Blastomere biopsy increases fetal anomaly
B) Linkage analysis is necessary when gene has not been sequenced
C) Polar body biopsy cannot assess paternal genotype
D) Fetal cells recovered from maternal blood can detect fetal chromosomal anomaly
265. All are features of infant born to diabetic mothers EXCEPT
A) Obesity B) Learning Disability
C) Ketotic hypoglycaemia D) Future Diabetes Mellitus
266. Mikulicz cell and Russel bodies are characteristic of _____
A) Rhinoscleroma B) Rhinosporidiosis
C) Plasma cell disorder D) Lethal midline granuloma
267. Flexion, Adduction, Internal Rotation deformity at hip is seen in
A) Fracture neck of femur B) Posterior dislocation of hip
C) Inter trochanteric fracture D) Anterior dislocation of hip
268. Test to diagnose Anterior Cruciate Ligament (ACL) injury is
A) Valgus test B) Varus test
C) Lachman test D) Posterior Drawer test
269. Acute Haematogenous osteomyelitis involves commonly following part of bone
A) Metaphysis B) Epiphysis
C) Diaphysis D) Growth plate
270. Sacroiliac joint involvement is seen in
A) Rheumatoid Arthritis B) Ankylosing spondylitis
C) Reiter's syndrome D) Psoriatic arthritis
271. Most important cause of travellers diarrhoea is
A) Enterotoxigenic Escherichia coli B) Enteroinvasive Esch. coli
C) Enterohemorrhagic Esch. coli D) Enteropathogenic Esch. coli



272. High level disinfectant includes
- A) glutaraldehyde
 - B) alcohols
 - C) phenols
 - D) iodophors
273. India ink preparation of CSF is done to identify
- A) Streptococcus agalactiae
 - B) Naegleria fowleri
 - C) Cryptococcus neoformans
 - D) Coxsackie B
274. Active immunity is not acquired by
- A) Infection
 - B) Vaccination
 - C) Immunoglobulin transfer
 - D) Subclinical infection
275. Non-cultivable fungus is
- A) Rhinosporidium
 - B) Candida
 - C) Sporothrix
 - D) Penicillium
276. Quantitative cultures are necessary for laboratory diagnosis in infection of
- A) Urinary tract
 - B) Blood stream
 - C) Lungs
 - D) Small intestine
277. In first week of illness, laboratory diagnosis of dengue is commonly done by
- A) Suckling mouse inoculation
 - B) Chick embryo culture
 - C) NS 1 antigen detection
 - D) IgG antibody detection
278. Population doubling time in coliform bacilli is
- A) 20 seconds
 - B) 20 minutes
 - C) 20 hours
 - D) 20 days
279. A person is positive for HBsAg, HBeAg and Anti-HBc - IgM, in relation to hepatitis B, this is a case of
- A) Acute infection
 - B) Chronic infection
 - C) Remote infection
 - D) Highly infectious acute infection
280. Cause of epilepsy in upto 50% Indian patients is
- A) Neurocysticercosis
 - B) Cerebral malaria
 - C) Toxoplasmosis
 - D) Cerebral hydatid cyst
281. Which of the following is the correct use of barrier creams ?
- A) For contraception
 - B) Protection from occupational dermatitis
 - C) As mosquito repellants
 - D) Protection from contagious diseases



282. A 18 year old HIV positive girl has been diagnosed to be suffering from sputum smear negative pulmonary Tuberculosis (New case). The treatment regimen recommended under DOTS for her is
- A) $2(HRZE)_3 + 4(HR)_3$ B) $2(HRZES)_3 + 1(HRZE)_3 + 5(HRE)_3$
C) $2(HRZE)_3 + 4(HRE)_3$ D) $2(HRZE)_3 + 6(HR)_3$
283. The 'overall burden of diseases' is best detected by
- A) Sullivan's Index B) Quality adjusted life years (QALY)
C) Human Developmental Index D) Disability adjusted life years (DALY)
284. All the following features contribute to High Risk Babies EXCEPT
- A) Babies of working mother
B) Birth order of 4 or more
C) Artificial feeding
D) Weight less than 70% of the expected weight
285. 'Acculturation' is defined as
- A) Loss of cultural values B) Opposition of two cultures on contact
C) Fading away of a culture D) Diffusion of two cultures on both ways
286. The toxic principle in cerebra thevetia is
- A) Neriodorin B) Karabin C) Thevetin D) Folinerin
287. Railway spine is also known as
- A) Concussion of spine B) Fracture of spine
C) Dislocation of spine D) Contusion of spine
288. Saturated solution of common salt should not be used in case of suspected poisoning by
- A) Alcohol B) Kerosene
C) Carbolic acid D) Vegetable poisons
289. Onanism is
- A) Natural sexual offence B) Unnatural sexual offence
C) Perversion D) Indecent assault
290. In proximal ballistics 'primer' means
- A) Detonator B) Projectile
C) Pellets D) Gunpowder



291. Cystic Hygroma is found in
A) Klinefelter's syndrome B) Down's syndrome
C) Edward's syndrome D) Turner's syndrome
292. Munro microabscesses occur in
A) Psoriasis B) Lichen planus
C) Lupus vulgaris D) Impetigo
293. In Vitamin-A deficiency, cancerous lesions occur due to
A) Metaplasia B) Dysplasia
C) Aplasia D) Hyperplasia
294. Spontaneous bleeding occurs when platelet count falls below
A) 50,000/ μ l B) 40,000/ μ l
C) 30,000/ μ l D) 20,000/ μ l
295. Skin cancer is caused by due to exposure to
A) Asbestos B) Arsenic
C) Nitrosamine D) Vinyl chloride
296. In operated case of cholecystotomy, histopathological report suggest carcinoma of gall bladder restricted to mucosa. Further treatment will be
A) Observation and follow up
B) Reoperation with excision of wedge of liver
C) Rt. hepatectomy
D) Radiotherapy + chemotherapy
297. The initial treatment of choice for bleeding oesophageal varices is
A) TIPSS B) Surgical shunt
C) Surgical devascularisation D) Endoscopic Banding/Sclerotherapy
298. Commonest malignancy in thyroid gland seen is
A) Anaplastic carcinoma B) Follicular carcinoma
C) Papillary carcinoma D) Medullary carcinoma
299. The part of colon worst affected by ischaemic colitis is
A) Right colon B) Left colon
C) Hepatic flexure D) Splenic flexure
300. Young's Prostatectomy is a
A) Retropubic Prostatectomy B) Perineal Prostatectomy
C) Transvesical Prostatectomy D) Radical Prostatectomy



SPACE FOR ROUGH WORK