

PGM-CET 2014
QUESTION BOOKLET

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

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.

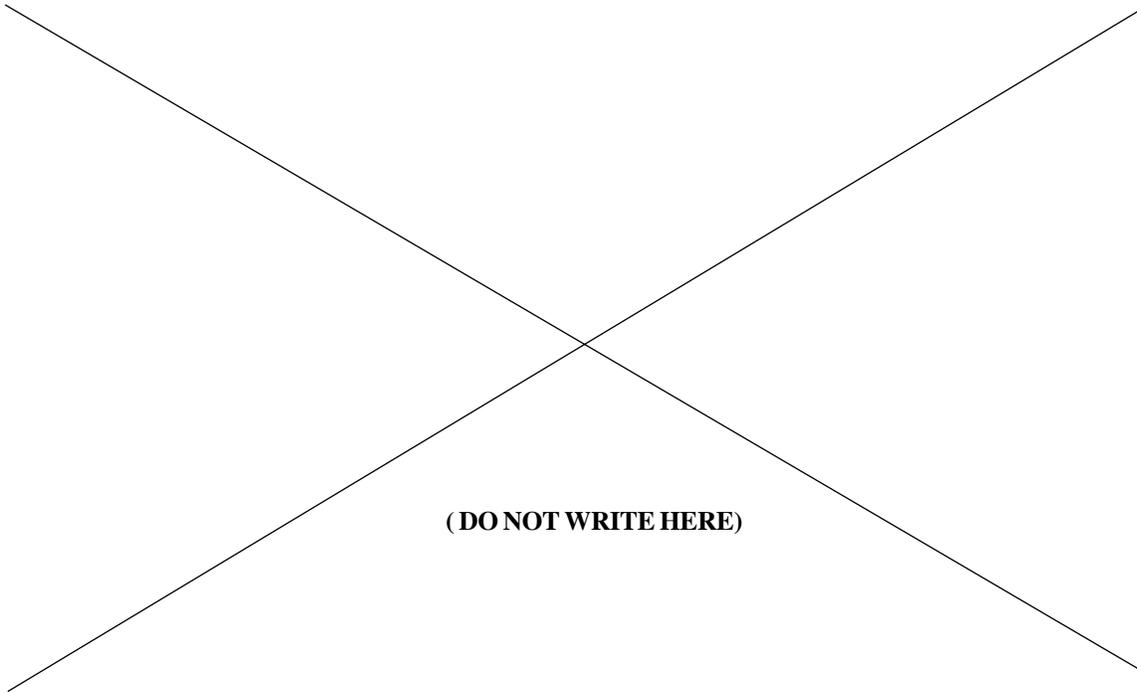
Candidate's Signature

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. 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
2. 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
3. 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
4. Incudo-stapedial joint is which type of synovial joint ?
A) Plain B) Saddle
C) Ball and Socket D) Condylar
5. Recurrent laryngeal nerve supplies following muscles EXCEPT
A) Posterior cricoarytenoid B) Lateral cricoarytenoid
C) Cricothyroid D) Oblique arytenoid
6. First right posterior intercostal vein drains into
A) azygous vein B) accessory azygous vein
C) superior intercostal vein D) right brachio-cephalic vein
7. Zona fasciculata of suprarenal gland produces
A) Mineralo-corticoids B) Gluco-corticoids
C) Sex hormones D) Adrenaline
8. Gluteus maximus muscle is innervated by
A) superior gluteal nerve B) inferior gluteal nerve
C) pudendal nerve D) subcostal nerve
9. Septal papillary muscle is present in
A) left atrium B) right atrium C) left ventricle D) right ventricle
10. Portocaval anastomosis is present in the following areas of liver
A) Porta hepatis B) Bare area of liver
C) Gall bladder fossa D) Groove for Inferior vena cava



23. Sperms develop the capability of motility in the
A) Seminiferous tubules B) Epididymis
C) Vas deferens D) Female genital tract
24. After a carbohydrate rich meal insulin secretion is stimulated by
A) Cholecystokinin B) VIP
C) GRP D) GLP-1
25. All of the following neurons in the cerebellar cortex are inhibitory EXCEPT
A) Purkinje cells B) Basket cells
C) Granule cells D) Golgi cells
26. Which part of a neuron has the highest concentration of Na⁺ channels per square micrometer of cell membrane ?
A) dendrites B) cell body
C) initial segment of axon D) Node of Ranvier
27. Normal value of P₅₀ (The partial pressure of O₂, at which Hb, is 50% saturated with O₂) in healthy adults at sea level is at
A) 20 mm Hg B) 27 mm Hg C) 35 mm Hg D) 40 mm Hg
28. Ejection Fraction is a ratio of
A) Stroke volume to End-diastolic volume
B) Stroke volume to End-systolic volume
C) Stroke volume to Minute volume
D) End-diastolic volume to End-systolic volume
29. Which of the following is involved in colour vision ?
A) Geniculate layers 1-2 B) 'M' (magnocellular) pathway
C) Area V₈ of visual cortex D) Area V_{3A} of visual cortex
30. The major action of 1, 25-di-hydroxy chole-calciferol is
A) Lowering of blood calcium
B) Ca⁺⁺-deposition in bones
C) Increasing Ca⁺⁺ -absorption from intestinal lumen
D) Stimulating the gene responsible for PTH-synthesis
31. Formation of Okasaki fragments occurs in
A) Transcription B) Replication
C) Translation D) Reverse transcription
32. Respiratory acidosis is characterized by primary
A) deficit of carbonic acid B) excess of carbonic acid
C) deficit of bicarbonate D) excess of bicarbonate



33. Which of the following enzymes produce a product used for synthesis of ATP by substrate level phosphorylation ?
- A) Phosphofructokinase B) Aldolase
C) Phosphoglycerate mutase D) Enolase
34. The lipoprotein with the fastest electrophoretic mobility and the lowest TG content is
- A) VLDL B) HDL C) LDL D) Chylomicrons
35. UDP glucuronyl transferase deficiency results in
- A) Gilbert's disease B) Dubin-Johnson syndrome
C) Crigler-Najjar syndrome D) Rotor syndrome
36. Hydrolytic enzymes are found in
- A) Ribosomes B) Lysosomes
C) Golgi Apparatus D) Peroxisome
37. 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
38. All of the following are electron carriers in the electron transport chain EXCEPT
- A) Coenzyme Q B) Fe-S centres C) Cytochromes D) Hemoglobin
39. 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
40. All of the following are the sources for Gluconeogenesis EXCEPT
- A) Lactate B) Glycerol C) Palmitate D) Alanine
41. Which of the following disease can NOT be treated by Gene Therapy ?
- A) Adenosine deaminase deficiency
B) Leukemia
C) Cystic Fibrosis
D) Thalassemia
42. The most important buffer system in the plasma is
- A) Protein buffer B) Bicarbonate buffer
C) Phosphate buffer D) Hemoglobin buffer
43. The vitamin required for carboxylation of pyruvate to form oxaloacetate is
- A) Thiamine B) Biotin C) Pyridoxine D) Niacin



44. The metabolic pathway that occurs partly in mitochondria and partly in cytosol is
A) TCA cycle
B) Glycolysis
C) Urea cycle
D) Oxidative phosphorylation
45. All of the following enzymes act as Antioxidant EXCEPT
A) Superoxide dismutase
B) Lactate Dehydrogenase
C) Catalase
D) Glutathione peroxidase
46. Which of the following drug is prone to cause Gouty arthritis ?
A) Isoniazid
B) Ethionamide
C) Pyrazinamide
D) Streptomycin
47. Selective alpha one receptor blocker is
A) Atenolol
B) Labetalol
C) Prazosin
D) Carvedilol
48. Tranexamic acid is a
A) Antithrombotic
B) Antifibrinolytic
C) Fibrinolytic
D) Styptic
49. 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
50. 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
51. Which of the following is longest acting corticosteroid ?
A) Dexamethasone
B) Prednisolone
C) Triamcinolone
D) Hydrocortisone
52. The most effective antidote for belladonna poisoning is
A) Neostigmine
B) Physostigmine
C) Pilocarpine
D) Methacholine
53. Following ACE inhibitors are the prodrugs; EXCEPT
A) Ramipril
B) Lisinopril
C) Enalapril
D) Perindopril
54. Which of the following is resistant to both true and pseudo cholinesterase enzymes ?
A) Bethanechol
B) Acetylcholine
C) Methacholine
D) Pilocarpine



77. Munro microabscesses occur in
A) Psoriasis
B) Lichen planus
C) Lupus vulgaris
D) Impetigo
78. In Vitamin-A deficiency, cancerous lesions occur due to
A) Metaplasia
B) Dysplasia
C) Aplasia
D) Hyperplasia
79. 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
80. Skin cancer is caused by due to exposure to
A) Asbestos
B) Arsenic
C) Nitrosamine
D) Vinyl chloride
81. Delayed hypersensitivity is initiated by
A) CD₃+T cells
B) CD₄ + T cells
C) CD₈ + T cells
D) CD₁₀ + T cells
82. Bernad-Soulier syndrome is a defect in platelet
A) Aggregation
B) Adhesion
C) Release reaction
D) Morphology
83. 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)
84. Chloroma is due to
A) AML
B) CLL
C) ALL
D) Non Hodgkin's lymphoma
85. Which of the following is associated with hypersensitive pneumonitis ?
A) Silicosis
B) Asbestosis
C) Byssinosis
D) Berylliosis
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



120. In proximal ballistics 'primer' means
A) Detonator
B) Projectile
C) Pellets
D) Gunpowder
121. In absence of clinical evidence of thyroid disease, thyroid function tests showing low TSH, raised T_4 and normal or low T_3 indicates
A) subclinical thyrotoxicosis
B) subclinical hypothyroidism
C) sick euthyroidism
D) transient thyroiditis
122. 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
123. Drug of choice to treat H1N1 influenza is
A) Acyclovir
B) Cidofovir
C) Oseltamivir
D) Tenofovir
124. Isolated microscopic hematuria of glomerular origin is seen in
A) Acute glomerulo nephritis
B) Hereditary nephritis
C) Acute interstitial nephritis
D) Acute tubular necrosis
125. 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
126. Periodic, deep, retroorbital, excruciating, nonfluctuant and explosive headache with ipsilateral lacrimation or rhinorrhoea is characteristic of
A) cluster headache
B) migraine headache
C) hypnic headache
D) tension headache
127. The study of alteration in chromatin and histone proteins and methylation of DNA sequence that influence gene expression is called as
A) proteomics
B) metagenomics
C) epigenomics
D) metabolomics
128. The circulating neutrophils are usually mature and not clonally derived in
A) leucocytosis
B) neutropenia
C) leukemoid reactions
D) neutrophilia
129. The more intensive approach calls for tuberculoid leprosy to be treated with rifampicin 600 mg/d for 3 years and dapsone 100 mg/day for
A) 3 years
B) 5 years
C) 7 years
D) throughout life



141. 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
C) PO_2 50 mm Hg
D) PO_2 50 mm Hg
E) Papilledema
F) Asterixis
142. 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
143. All of the following criteria are required for diagnosis of obesity hypoventilation syndrome EXCEPT
A) Hypertension
B) $\text{BMI} \geq 30 \text{ kg/m}^2$
C) Sleep disordered breathing
D) $\text{PaCO}_2 \geq 45 \text{ mm of Hg}$
144. All of the following are complications of acute pancreatitis EXCEPT
A) Hyperglycemia
B) Hyperkalemia
C) Hypertriglyceridemia
D) Hypocalcemia
145. The precore mutants in Hepatitis B are characterised by notable absence of
A) HBV DNA
B) HBeAg
C) HBcAg
D) Anti HBeAg
146. Accepted screening test for Hyperaldosteronism is
A) Measurement of sodium levels
B) Measurement of aldosterone levels
C) Calculation of aldosterone renin ratio
D) Measurement of potassium levels
147. The most powerful predictor of survival in case of multiple Myeloma is
A) β_2 Microglobulin
B) Serum IgG levels
C) Serum calcium
D) Urinary Bence-Jones proteins
148. The Neoplastic lesions which are most common AIDS-defining conditions in HIV infection are following EXCEPT
A) Kaposi's sarcoma
B) NHL
C) Invasive cervical carcinoma
D) Squamous cell carcinoma of lung
149. Felty's syndrome is characterised by all of the following features EXCEPT
A) Rheumatoid Arthritis
B) Neutropenia
C) Nephropathy
D) Splenomegaly



150. Monogenic transmission of diabetes mellitus occurs in
A) Insulin Dependant Diabetes Mellitus (IDDM)
B) Non-insulin Dependant Diabetes Mellitus (NIDDM)
C) Latent Autoimmune Diabetes in Adults (LADA)
D) Maturity Onset Diabetes of the Young (MODY)
151. 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
152. Which of the oils given below is the best source of linoleic acid ?
A) Ground nut
B) Mustard
C) Palm
D) Coconut
153. In which phase of demographic cycle is India now ?
A) High stationary
B) Early expanding
C) Late expanding
D) Low stationary
154. 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*
155. 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
156. Color coding of container for disposal of human anatomical waste is
A) Yellow
B) Red
C) Blue
D) Black
157. 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
158. Prophylaxis with vitamin 'C' is helpful in preventing
A) Fluorosis
B) Neuro Lathyrism
C) Iodine deficiency
D) Botulism



159. 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
160. 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
161. 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
162. 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) $2(\text{HRZE})_3 + 4(\text{HR})_3$ B) $2(\text{HRZES})_3 + 1(\text{HRZE})_3 + 5(\text{HRE})_3$
C) $2(\text{HRZE})_3 + 4(\text{HRE})_3$ D) $2(\text{HRZE})_3 + 6(\text{HR})_3$
163. 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)
164. 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
165. '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
166. The floating tip of the iceberg represents _____ cases.
A) Clinical B) Latent
C) Presymptomatic D) Inapparent
167. 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
168. Which of the following is NOT an approach of health education ?
A) Regulatory B) Primary health care
C) Service D) Management



189. Painless gross hematuria occurs in
A) Renal cell carcinoma B) Polycystic kidney
C) Stricture urethra D) Wilm's tumour
190. The most common cause of small intestinal obstruction is
A) Intussusception B) Iatrogenic adhesions
C) Trauma D) Carcinoma
191. Treatment of pouch of Douglas abscess is
A) Laparotomy B) Posterior colpotomy
C) Antibiotics D) Extraperitoneal drainage
192. Which of the following does NOT contribute to enterobiliary fistula ?
A) Duodenal ulcers B) Gall stones
C) Gastric ulcer D) Carcinoma of gall bladder
193. Most common type of Breast Carcinoma is
A) Lobular carcinoma B) Colloid carcinoma
C) Medullary carcinoma D) Ductal carcinoma
194. Menetrier's disease is characterized by all EXCEPT
A) Hypertrophic gastric folds B) Foveolar Hyperplasia
C) Hypoproteinemia D) Benign condition
195. Alpha Feto Protein is raised in
A) Seminoma B) Teratoma
C) Embryonal carcinoma D) Yolk-Sac Tumor
196. Carcinoma colon is NOT associated with
A) Cowden's syndrome B) Puetzlegher's syndrome
C) Polland's syndrome D) Ruvalcaba-Myhre-Smith syndrome
197. Ranson's criteria on admission does NOT include
A) WBC count B) Serum LDH
C) Serum AST D) Serum ALT
198. Drug of choice in dermatitis herpetiformis
A) Steroid B) Phototherapy
C) Dapsone D) Methotrexate
199. Pseudo-Darier sign is seen in
A) Urticaria pigmentosa B) Congenital smooth muscle haematoma
C) Xanthogranuloma D) Dermatofibroma



220. Osteochondromas are seen in all of the following EXCEPT
- A) Hereditary multiple exostosis B) Ollier's Disease
C) Metaphyseal Aclasis D) Diaphyseal Aclasis
221. One of the following drug is NOT used for the treatment of osteoporosis
- A) Alendronate B) Calcitonin
C) Dexamethasone D) Vitamin K
222. The test of choice for Giardiasis is
- A) Stool Enzyme Immuno Assay (EIA)
B) Microscopy
C) Polymerase Chain Reaction (PCR)
D) Duodenal Aspiration
223. Hallmark of Acute Disseminated Encephalomyelitis(ADEM) is
- A) Encephalopathy B) Ataxia
C) Cranial Neuropathies D) Visual loss
224. In large-for-date babies all viscera weigh more than normal EXCEPT
- A) Kidney B) Heart C) Brain D) Liver
225. The Ig A anti TG 2 (TransGlutaminase) is a sensitive marker for diagnosis of
- A) Celiac Disease B) Eosinophilic Gastroenteritis
C) Primary Immunodeficiency D) Crohn's Disease
226. The maternal uniparental disomy for chromosome 15 results in
- A) Angelman Syndrome B) Prader – Willi Syndrome
C) Pallister – Killian Syndrome D) Hypomelanosis of ITO
227. 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
228. The average whey/casein ratio in Breast milk is
- A) 60 : 40 B) 80 : 20 C) 20 : 80 D) 40 : 60
229. Most common cause of Bronchiolitis in children is
- A) Adenovirus B) Measles C) RSV D) Poliovirus
230. "Sweaty feet" odour to urine occurs in
- A) Homocystinurea B) Isovaleric acidemia
C) Phenylketonuria D) Alkaptonuria



240. All are features of infant born to diabetic mothers EXCEPT
A) Obesity
B) Learning Disability
C) Ketotic hypoglycaemia
D) Future Diabetes Mellitus
241. Commonest cause of First trimester abortion is
A) Monosomy
B) Trisomy
C) Triploidy
D) Aneuploidy
242. Bishop's score includes following EXCEPT
A) Effacement of cervix
B) Contractions of uterus
C) Dilatation of cervix
D) Station of head
243. Which of the following is the most dangerous cardiac lesion in pregnancy ?
A) Mitral stenosis
B) Mitral regurgitation
C) Ventricular septal defect
D) Eisenmenger's syndrome
244. Chromosomal complement of primary oocyte is
A) 23 Y
B) 23 X
C) 46 XX
D) 46 XY
245. Asymmetrical fetal growth restriction is associated with
A) Chromosomal aberration
B) Viral infection
C) Idiopathic
D) Placental insufficiency
246. Shoulder dystocia is common with
A) Preterm birth
B) Placenta previa
C) Postdated pregnancy
D) Polyhydramnios
247. Commonest cause of Maternal Mortality in India is
A) Eclampsia
B) Sepsis
C) Obstructed labour
D) Haemorrhage
248. The most common form of compound presentation during labour is
A) Head & foot
B) Head & hand
C) Head & cord
D) Breech & hand
249. The dose of Anti-D to be given after full term delivery in a non-immunised D-negative woman is
A) 100 μ gm
B) 200 μ gm
C) 300 μ gm
D) 400 μ gm
250. In active management of 3rd stage of labour, Inj methylergometrin is given
A) After delivery of placenta
B) After delivery of baby
C) At the delivery of Anterior shoulder
D) After postpartum haemorrhage



261. 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
262. 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
263. Congenital diaphragmatic hernia through foramen of Bochdalek is situated
A) Anteriorly B) Postero laterally
C) Diaphragmatic hiatus D) Antero laterally
264. Absence of clavicle is a feature of
A) Cleido cranial dysplasia B) Multiple epiphyseal dysplasia
C) Fibrous dysplasia D) Cranio-metaphyseal dysplasia
265. In Radiotherapy, electrons are mostly used to treat
A) Prostate cancer B) Brain tumours
C) Retinal Malignancies D) Skin cancers
266. 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
267. Craniospinal axis irradiation is indicated in the management of
A) Glioblastoma B) Meningioma
C) Astrocytoma D) Medulloblastoma
268. 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
269. 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
270. 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



282. Epiphora occurs in
A) Iritis
B) Trachoma
C) Chronic dacryocystitis
D) Acute congestive glaucoma
283. Which of the following is an absolute contraindication of LASIK ?
A) Rheumatoid arthritis
B) Keratoconus
C) Amblyopia
D) Prior penetrating keratoplasty
284. Most confirmatory sign of endotracheal intubation is
A) Chest rise
B) Auscultation
C) Spirometry
D) Capnography
285. The pin index safety system of oxygen is
A) 1, 5 B) 2, 5 C) 3, 5 D) 4, 5
286. 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
287. 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
288. The local anaesthetic with highest cardiotoxicity is
A) Lignocaine B) Bupivacaine
C) Levo-bupivacaine D) Procaine
289. Least pungent inhalational induction agent for children is
A) Halothane B) Sevoflurane
C) Isoflurane D) Desflurane
290. 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
291. Hallucinations experienced outside the limits of one's sensory fields are
A) Functional hallucinations B) Extracampine hallucinations
C) Pseudo hallucination D) Reflex hallucinations



SPACE FOR ROUGH WORK