

Question Booklet
Series:

C

MD/MS/PG Diploma Entrance Test - 2015
QUESTION BOOKLET
Paper - II (CLINICAL)

INSTRUCTIONS

Question Booklet
Number:

530413

Maximum Time Allowed: 2 Hours

No. of Questions: 150
Maximum Marks: 150

Roll Number:

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Answer Sheet Number:

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Please read the following instructions carefully:

1) **Check the Question Booklet thoroughly:** In case of any defect - Misprint, Missing question(s), Missing page, Blank page, Damaged or Defaced page, or duplication of question(s) / Page(s), get the Booklet changed with the Booklet of the same series from the Room Invigilator. No complaint shall be entertained after the Entrance Test is over.

2) Write your Roll Number and the OMR Answer Sheet Number on the Question Booklet.

3) Mark carefully your Roll Number, Question Booklet Number, Paper Code, Question Booklet Series and Course on the OMR Answer Sheet and sign at the appropriate place. Incomplete particulars given will result in the non-evaluation of your Answer Sheet.

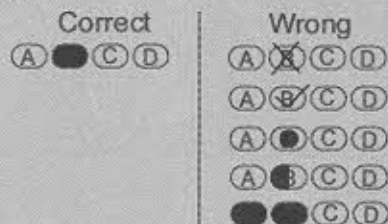
4) Strictly follow the instructions given by the Centre Supervisor / Room Invigilator and those given on the Question Booklet.

5) Candidates are not allowed to carry any papers, notes, books, calculators, cellular phones, scanning devices, pagers etc. to the Examination Hall. Any candidate found using, or in possession of, such unauthorized material or indulging in copying or impersonation or adopting unfair means / reporting late / without Admit Card will be debarred from the Entrance Test.

6) Please mark the right responses on the OMR Sheet with ONLY a Blue/Black ball point pen. Use of eraser, whitener (fluid) and cutting on the OMR Answer Sheet is NOT allowed.

7) The test is of objective type, containing multiple choice questions (MCQs). Each objective question is followed by four responses. You are required to choose the correct/best response and mark your response on the OMR Answer Sheet and NOT on the Question Booklet.

8) For marking response to a question, completely darken the CIRCLE so that the alphabet inside the CIRCLE is not visible. Darken only ONE circle for each question. If you darken more than one circle, it will be treated as a wrong answer. The CORRECT and the WRONG methods of darkening the CIRCLE on the OMR Answer Sheet are shown below.



9) Please be careful while marking the response to questions. The response once marked cannot be changed and if done shall be treated as a wrong answer.

10) In view of the limited time, do NOT waste your time on a question which you find difficult. Attempt easier questions first and come back to the difficult questions later during the test.

11) DO NOT make any stray marks anywhere on the OMR Answer Sheet. DO NOT fold or wrinkle the OMR Answer Sheet.

12) Rough work MUST NOT be done on the OMR Answer Sheet. Use rough page of your Question Booklet for this purpose.

13) Candidates are provided carbonless OMR Answer Sheet, having original copy and candidate's copy. After completing the examination, candidates are directed to fold at perforation on the top of the sheet, tear it to separate original copy and candidate's copy and then hand over the original copy of OMR Answer Sheet to the Room Invigilator and retain candidate's copy.

DO NOT OPEN THE SEAL OF THIS BOOKLET UNTIL TOLD TO DO SO

1. To estimate kidney function, Cockcroft-Gault formula uses all parameters EXCEPT:
 - (A) Plasma creatinine
 - (B) Urine creatinine
 - (C) Age
 - (D) Weight
2. Hunt Hess scale is used for grading of:
 - (A) Pontine haemorrhage
 - (B) Intracerebral haemorrhage
 - (C) Subarachnoid haemorrhage
 - (D) All of the above
3. In Rh iso-immunized pregnancy, best monitoring method for fetal wellbeing is:
 - (A) Liley's Chart
 - (B) Doppler of middle cerebral artery
 - (C) Amniocentesis
 - (D) Indirect Coombs test
4. Tensor of the vocal cord is:
 - (A) Cricothyroid
 - (B) Interarytenoid
 - (C) Thyroarytenoid
 - (D) Posterior cricoarytenoid
5. ASA grading is used to grade:
 - (A) The physical status of a patient
 - (B) The respiratory status of a patient
 - (C) The cardiological status of a patient
 - (D) The mental status of a patient
6. Chylorthorax fluid analysis reveals triglyceride level:
 - (A) More than 90 mg/dl
 - (B) More than 100 mg/dl
 - (C) More than 110 mg/dl
 - (D) None of the above
7. HPV 11 positive patient with history of anal intercourse develops painful warty anal lesions which on examination are non-tender, the MOST probable diagnosis is:
 - (A) Carcinoma anal canal
 - (B) Verrucous carcinoma
 - (C) Condyloma acuminata
 - (D) Condyloma lata
8. The ratio of ankle and brachial artery pressures termed as ankle brachial index in peripheral artery disease is:
 - (A) < 1.5
 - (B) < 1.0
 - (C) < 2.0
 - (D) < 1.6
9. The amount of CSF in normal adult is around:
 - (A) 100 ml
 - (B) 150 ml
 - (C) 200 ml
 - (D) 250 ml
10. Gastrinoma triangle include all EXCEPT:
 - (A) Junction of cystic duct and common bile duct
 - (B) Junction of the second and third parts of the duodenum
 - (C) Junction of first and second parts of Duodenum
 - (D) Junction of the neck and body of the pancreas
11. The following facts are CORRECT in relation to Nasopharyngeal angiofibroma EXCEPT:
 - (A) Internal Maxillary artery is the most common source blood supply
 - (B) A CT scan will reveal a homogeneously enhancing mass
 - (C) A shortened Absolute Bone Conduction would be significantly seen in these patients
 - (D) Chemoradiation is an alternate modality in some cases

12. Hepatotoxicity is caused by all EXCEPT:
- (A) Rifampicin
 - (B) INH
 - (C) Pyrazinamide
 - (D) Ethambutol
13. The choice of drug for Type 2 reaction in Leprosy is
- (A) Thalidomide
 - (B) Steroids
 - (C) NSAIDs
 - (D) Chloroquine
14. Retreatment regimen (Cat II therapy) for TB is used in all EXCEPT:
- (A) Relapse
 - (B) Defaulter
 - (C) Treatment failure
 - (D) Miliary TB
15. The 1,2,3, sign on chest x ray is seen in:
- (A) Tuberculosis
 - (B) Sarcoidosis
 - (C) Histoplasmosis
 - (D) Bronchopneumonia
16. In case of animal bite category 3, in intradermal schedule (Thai Red cross schedule) the vaccine is NOT given on day:
- (A) 3
 - (B) 7
 - (C) 14
 - (D) 28
17. When the wound is closed before the appearance of granulation tissue, it is called as:
- (A) Closure by primary suturing
 - (B) Closure by delayed primary suturing
 - (C) Closure by secondary suturing
 - (D) Closure by tertiary suturing
18. The safe dose of lignocaine with epinephrine is:
- (A) 4 mg/kg
 - (B) 7 mg/kg
 - (C) 10 mg/kg
 - (D) 12 mg/kg
19. Blood volume in the intervillous space of placenta at term gestation per minute is _____
- (A) 50 – 100 ml
 - (B) 100 – 200 ml
 - (C) 200 – 300 ml
 - (D) 500 – 600 ml
20. The differential oxygen saturation in upper limb is 15% more than lower limb with following condition:
- (A) Severe pneumonia
 - (B) Coarctation of aorta
 - (C) TGA with intact ventricular septum
 - (D) Persistent Pulmonary Hypertension
21. All of the following are true for chest compression in an adult victim EXCEPT:
- (A) Chest should be compressed by at least 5 cm
 - (B) The victim should be on a firm, flat surface
 - (C) Chest should be compressed at a rate of 100 compressions per minute
 - (D) If there are more than 1 persons, the person performing compression should be changed every two minutes
22. All of the following cause granulomatous lung disease EXCEPT:
- (A) Sarcoidosis
 - (B) Churg-Strauss disease
 - (C) Goodpasture's syndrome
 - (D) Hypersensitivity pneumonitis

23. Diabetic foot with a large amount of slough. The MOST appropriate dressing solution for such wounds
- (A) 5% Povidone Iodine solution
 - (B) 1% Gentian Violet solution
 - (C) 3% Hydrogen Peroxide
 - (D) Edinburgh University Solution of Lime (EUSOL)
24. Which drug is contra-indicated in aortic dissection?
- (A) ACE inhibitors
 - (B) B-adrenergic blockers
 - (C) Calcium channel blockers
 - (D) Hydralazine
25. The therapy of chancroid in pregnancy is:
- (A) Azithromycin 1 g orally in a single dose
 - (B) Ciprofloxacin 500 mg orally twice a day for 3 days
 - (C) Doxycycline
 - (D) Septran
26. The Mini Mental Status Examination scale has total:
- (A) 10 points
 - (B) 20 points
 - (C) 30 points
 - (D) 40 points
27. Gray is unit of:
- (A) Radiation absorbed dose
 - (B) Radiation exposure
 - (C) Radiation effective dose
 - (D) Radioactivity
28. Vaginal birth after cesarean (VBAC) is contemplated in all EXCEPT:
- (A) Maternal tachycardia
 - (B) Patient demands it
 - (C) Spontaneous contractions
 - (D) Expected fetal weight more than 3.5 kg
29. Anatomically, anterior cruciate ligament is formed by 2 bundles that are named on the basis of their anatomical locations. These bundles are:
- (A) Anterolateral and posteromedial
 - (B) Anteromedial and posterolateral
 - (C) Anterior and posterior tibial bundles that fuse to form single femoral ligament
 - (D) Medial and lateral tibial bundles that fuse to form single femoral ligament
30. Dominant hemisphere of human brain is concerned with all of the following functions EXCEPT:
- (A) Language related sounds
 - (B) Music
 - (C) Speech
 - (D) Viewing letters and words
31. Tumor lysis syndrome is associated with all of the following EXCEPT:
- (A) Hypercalcemia
 - (B) Hyperkalemia
 - (C) Hyperurecemia
 - (D) Hyperphosphatemia
32. A patient presents with a unilateral painful swelling of the right lower limb since 3 days and a positive D-Dimer test. The most appropriate investigation to evaluate the cause of swelling would be:
- (A) Colour Doppler US
 - (B) MR
 - (C) CT
 - (D) PET
33. Third cranial nerve supplies all the following extraocular muscles EXCEPT:
- (A) Superior oblique
 - (B) Medial rectus
 - (C) Inferior oblique
 - (D) Superior rectus

34. Most effective way of combining Chemotherapy and Radiotherapy is:
- (A) Chemotherapy given before radiotherapy
 - (B) Chemotherapy given after radiotherapy
 - (C) Chemotherapy and radiotherapy given together
 - (D) No effect of scheduling Chemotherapy and radiotherapy
35. Prolonged Prothrombin time is seen in:
- (A) Factor VIII deficiency
 - (B) Factor IX deficiency
 - (C) Factor XI deficiency
 - (D) Factor VII deficiency
36. All of the following are approaches for femoral hernia EXCEPT:
- (A) McEvedy
 - (B) Lockwood
 - (C) Lotheissen
 - (D) Bassini's
37. Brachytherapy is defined as:
- (A) Placement of radiatlon source away from body
 - (B) Placement of radiation source at short distance from body
 - (C) Incorporation of radiation source into cells
 - (D) All of the above
38. Most common source of infection in Ludwig's angina is:
- (A) Submandibular sialadenitis
 - (B) Dental infection
 - (C) Local trauma
 - (D) Lingual tonsillitis
39. All statements for superficial synergistic gangrene are true EXCEPT:
- (A) Synergistic gangrene is caused by mixed infection (usually nonpathogenic commensals)
 - (B) Fournier's gangrene is synergistic infection of the abdominal wall
 - (C) Patients are almost invariably immuno-compromised
 - (D) The initial focus of infection is usually a trivial wound
40. Squamo-columnar junction in reproductive age woman is at _____
- (A) Internal os
 - (B) External os
 - (C) Vaginal fornix
 - (D) Isthmus
41. Achalasia cardia is characterized by all features EXCEPT:
- (A) Bird's beak deformity on barium swallow
 - (B) Megaesophagus on endoscopy
 - (C) Heller's cardiomyotomy is one of the surgical options
 - (D) Presence of a large gastric bubble
42. Which one of the following anatomical details is TRUE for a normal hip?
- (A) Anteverted femoral neck and anteverted acetabulum
 - (B) Anteverted femoral neck and retroverted acetabulum
 - (C) Retroverted femoral neck and anteverted acetabulum
 - (D) Retroverted femoral neck and retroverted acetabulum

43. A child presents to casualty with cough, high grade fever and toxic look. He has pneumatoceles with pneumothorax on chest X ray. He is most likely suffering from pneumonitis due to:
- (A) H. influenza
 - (B) Pneumococcus
 - (C) Mycoplasma
 - (D) Staphylococcus
44. All are colour vision tests EXCEPT:
- (A) Ishihara test
 - (B) City university
 - (C) Hardy Rand Rittler
 - (D) TNO test
45. Placenta previa in pregnancy can lead to all EXCEPT:
- (A) APH
 - (B) PPH
 - (C) Placenta accreta
 - (D) Fetal anomaly
46. In a case of SAM with diarrhea, while giving I/V fluids, over hydration is indicated by all EXCEPT:
- (A) Increase in respiratory rate by 10 per min
 - (B) Increase in heart rate by 15 per min
 - (C) Increasing oedema
 - (D) Periorbital puffiness
47. Microcytic Hypochromic anaemia is a characteristic of:
- (A) Aplastic Anaemia
 - (B) Thalassemia
 - (C) Folate deficiency
 - (D) Hematological malignancy
48. Antiglaucoma drug contraindicated in Bronchial asthma patients is:
- (A) Timolol
 - (B) Latanoprost
 - (C) Pilocarpine
 - (D) Dorzolamide
49. The differential diagnosis of Retinoblastoma includes all EXCEPT:
- (A) Toxoplasmosis
 - (B) Retinal dysplasia
 - (C) Coats disease
 - (D) Toxocariasis
50. Vertex has _____ and biparietal diameters as engagement.
- (A) Submento-bregmatic
 - (B) Occipito-bregmatic
 - (C) Suboccipito-frontal
 - (D) Suboccipito-bregmatic
51. The oblique diameter at the inlet of normal gynecoid pelvis is _____.
- (A) 10 cms
 - (B) 11 cms
 - (C) 12 cms
 - (D) 13 cms
52. Incidentally suspected carcinoid of appendix of tip of appendix less than 2 cm, the MOST appropriate step in management is:
- (A) Appendectomy
 - (B) Biopsy
 - (C) Close the abdomen and CT abdomen
 - (D) Serum serotonin levels
53. Which drug has been banned for use in intravenous regional anesthesia because of high incidence of cardiac arrest and convulsions?
- (A) Prilocaine
 - (B) Bupivacaine
 - (C) Adrenaline
 - (D) Xylocaine

54. All the following are signs of malignancy in a mammogram EXCEPT:
- (A) Nipple retraction
 - (B) Spiculated mass
 - (C) Macrocalcification
 - (D) Architectural distortion
55. In radical mastoidectomy it is necessary to preserve:
- (A) Function of Eustachian tube
 - (B) Tympanic membrane and its remnants
 - (C) Stapes and its footplate
 - (D) Facial bridge and ridge
56. Which of the following is NOT the Gonadotropin independent cause of delayed or precocious puberty in boys?
- (A) Idiopathic
 - (B) HCG secreting tumor
 - (C) Congenital Adrenal hyperplasia
 - (D) McCune-Albright Syndrome
57. Saw toothing of the epidermis is seen in one of the following.
- (A) Lichen Planus
 - (B) Psoriasis
 - (C) Vitiligo
 - (D) Verruca Vulgaris
58. Chest circumference starts to exceed head circumference after the age of:
- (A) 6 months
 - (B) 1 yr
 - (C) 2 yr
 - (D) 3 yr
59. Part of broad ligament, which is reflected from anterior and posterior surface of uterus, gets attached to the pelvis near ovaries and tubes, is known as _____
- (A) Mackenrod's ligament
 - (B) Infundibulopelvic ligament
 - (C) Round ligament
 - (D) Inguinal ligament
60. The duration of prophylactic therapy to prevent recurrent UTI in women is:
- (A) 6 weeks
 - (B) 3 months
 - (C) 6 months
 - (D) 12 months
61. Signet ring appearance on HRCT chest is pathognomonic of:
- (A) ILD
 - (B) Severe bronchial asthma
 - (C) Lung abscess
 - (D) Bronchiectasis
62. ABCD score is used to calculate the risk for:
- (A) Myocardial Infarction
 - (B) Stroke
 - (C) ARDS
 - (D) None of the above
63. Preterm labor can be due to all EXCEPT:
- (A) Diabetes
 - (B) Premature rupture of membrane (PROM)
 - (C) Anencephaly
 - (D) Bacterial vaginosis

64. A 2 yr old child has signs and symptoms suggestive of mild URI for 2-3 days. Other family members are also suffering from URI. Suddenly the child develops barking cough, hoarseness of voice and inspiratory stridor. Which of the following should be done immediately?
- (A) Throat examination
 - (B) Bronchoscopy
 - (C) Inj Ceftriaxone
 - (D) Inj Dexamethasone
65. Which one of the following avulsion fractures is NOT correctly paired?
- (A) Radial styloid fracture-Brachioradialis
 - (B) Ulnar styloid fracture-Triangular fibrocartilaginous complex
 - (C) Jones' fracture-Peroneus longus
 - (D) Lesser trochanter fracture-Psoas major
66. Statement TRUE regarding volvulus is:
- (A) Sigmoid volvulus occurs in a clockwise direction
 - (B) Caecal volvulus occurs in anti-clockwise direction
 - (C) Lack of fiber in diet is one of the predisposing factors for developing volvulus
 - (D) Kidney Bean sign on abdominal x-Ray abdomen is a classically seen in sigmoid volvulus
67. In eclampsia, the goal of treatment is:
- (A) Control of seizure
 - (B) Control of hypertension
 - (C) Termination of pregnancy
 - (D) All of the above
68. A 70 years-old lady slipped in the bathroom and sustained displaced intertrochanteric fracture of the femur. She had hypertension that was controlled on medication. Which one of the following methods is the most accepted modality worldwide?
- (A) Dynamic condylar screw
 - (B) Dynamic hip screw
 - (C) Three cannulated hip screws
 - (D) Upper tibial pin traction for 6-8 weeks as she is unlikely to tolerate the anaesthesia owing to old age and hypertension
69. The lowest vertebral level where one can tap CSF in an adult with normal anatomy is:
- (A) S2
 - (B) S5
 - (C) L2
 - (D) L5
70. High degree of malignant potential is seen in:
- (A) Strial glossitis
 - (B) Erythroplakia
 - (C) Papilloma
 - (D) Lichen planus
71. The indication for starting chest compression in newborn resuscitation is:
- (A) HR below 60
 - (B) HR below 100
 - (C) HR below 100 after effective PPV
 - (D) HR below 60 after effective PPV
72. All of the following are risk factors for Akathesia EXCEPT:
- (A) Iron deficiency anaemia
 - (B) Advanced age
 - (C) Affective disorder
 - (D) Male gender

73. Split skin grafts survive in the first 24 hours by the process of:
- (A) Inosculation
 - (B) Granulation tissue formation
 - (C) Plasma imbibition
 - (D) Neutrophilic diapedesis
74. A 30 year old man underwent laparotomy 2 months back. He noticed his scar has become itchy and painful for the past 1 month. Examination revealed that the scar is protruding and reddish but is limited to the original scar area. What is the MOST appropriate diagnosis?
- (A) Keloid
 - (B) Hypertrophic scar
 - (C) Hemangioma
 - (D) Incisional hernia
75. S1Q3T3 pattern in ECG is characteristics of:
- (A) Pulmonary Hypertension
 - (B) Pulmonary Embolism
 - (C) Ischaemic Heart Disease
 - (D) Digitalis Toxicity
76. All are side effects of succinylcholine EXCEPT:
- (A) Cardiac dysrhythmias
 - (B) Hypernatremia
 - (C) Myalgia
 - (D) Increased intraocular pressure
77. A 10 yr old child on investigation of jaundice and hepatomegaly is found to be HBs Ag+ve, HBe Ag+ve, antiHBe -ve and anti HBc IgG +ve. He is suffering from hepatitis B:
- (A) Acute infection
 - (B) Chronic infection high infectivity
 - (C) Chronic infection low infectivity
 - (D) Hepatitis B carrier
78. All the following are true for management of severe hypothermia in neonate EXCEPT:
- (A) Provide warmth using radiant warmer
 - (B) Start oxygen
 - (C) Start feeds immediately
 - (D) Inj vit K
79. The rotating item seen inside the flowmeters of anesthesia machines or workstations is called:
- (A) Flow Indicator
 - (B) Pilot or Guide
 - (C) Flow regulator
 - (D) Bobbin or Float
80. During airway laser surgery or endoscopy, the form of anesthesia which is preferred now a days is:
- (A) Total inhalational anesthesia
 - (B) Total intravenous anesthesia
 - (C) Bag and mask ventilation
 - (D) Regional anesthesia
81. This statement is ALWAYS true for Shock:
- (A) There is reduction of intra-vascular compartment
 - (B) There is inadequate delivery of oxygen and substrate to the cells
 - (C) There is hypotension and tachycardia
 - (D) There is septic focus somewhere
82. The structure NOT fully developed at birth is:
- (A) Mastoid antrum
 - (B) Mastoid tip
 - (C) Incus
 - (D) Cochlea
83. A 55 years old female with rheumatoid vasculitis was treated with a heavy dose of steroids for a long time. Subsequently she developed groin pain and limp. What is the most likely diagnosis?
- (A) Osteoporosis
 - (B) Koch's hip
 - (C) Osteonecrosis of the femoral head
 - (D) Osteoarthritis

84. Patient coming with history of nausea, vomiting, abdominal distension and significant weight loss with symptoms classically relieved on adopting the knee elbow position. This history is suggestive of which syndromic entity?
- (A) Venus syndrome
 - (B) Wilkie's syndrome
 - (C) Rake's syndrome
 - (D) Mercedes syndrome
85. A serum-ascites albumin gradient <1.1 g/dl is found in:
- (A) Pancreatitis
 - (B) IVC obstruction
 - (C) Constrictive Pericarditis
 - (D) Cirrhosis
86. All of the following are true for Neuropraxia EXCEPT:
- (A) Recovery occurs by Motor march
 - (B) There is a predominant motor involvement
 - (C) All cases recover completely within 3 to 6 weeks
 - (D) EMG is normal
87. Positive recruitment will be seen in:
- (A) Meniere's disease
 - (B) Acoustic neuroma
 - (C) Serous otitis media
 - (D) Non organic hearing loss
88. Fetal wellbeing is assessed by all EXCEPT:
- (A) Non-stress test
 - (B) Biophysical profile
 - (C) Biometry
 - (D) Fetal kick count
89. ALL are true for Hirschsprung's disease EXCEPT:
- (A) Absence of ganglionic cells in the neural plexus of the intestinal wall
 - (B) More common in females as compared to males
 - (C) Presentation is acute intestinal obstruction in neonates
 - (D) Rectal biopsy showing absence of ganglionic segment is confirmatory
90. Which is NOT a criteria in metabolic syndrome?
- (A) Hypertriglyceridemia
 - (B) High LDL level
 - (C) Low HDL level
 - (D) Central obesity
91. A triad of splenomegaly, rheumatoid arthritis and granulocytopenia is termed:
- (A) Felty's syndrome
 - (B) Gaucher's syndrome
 - (C) Reye's syndrome
 - (D) Bake's syndrome
92. Which one of the following is advocated as a fixation of choice for the 'Damage control Orthopaedics'?
- (A) External fixation
 - (B) Reamed interlocked nailing
 - (C) Unreamed interlocked nailing
 - (D) Extramedullary implants like dynamic compression plate
93. Which one is considered the best mood stabilizer for a classical euphoric mania patient?
- (A) Valproate
 - (B) Carbamazepine
 - (C) Oxcarbazepine
 - (D) Lithium

94. A 30 years-old man fell from the stairs and sustained mid-diaphyseal fractures of both bones forearm. He was operated with open reduction and internal fixation with Dynamic Compression plate osteosynthesis. The bones are likely to unite by:
- (A) Periosteal healing
 - (B) Union with formation of callus
 - (C) Endosteal healing due to creeping substitution
 - (D) Union never occurs as fracture hematoma is drained and plates hold the bones right
95. Prognostic factor for In-vitro fertilization and embryo transfer are all EXCEPT:
- (A) Maternal age
 - (B) Ovarian reserve
 - (C) Hydrosalpinx
 - (D) Position of uterus
96. Mallampati class is used to identify problems related to:
- (A) Cardiovascular system
 - (B) Respiratory system
 - (C) Airway management
 - (D) Obesity and bariatric surgery
97. Kayser Fleischer's ring is present at the level of:
- (A) Descemet's membrane
 - (B) Stroma
 - (C) Bowman's membrane
 - (D) Endothelium
98. Trial of labor should end in all EXCEPT:
- (A) Fetal tachycardia
 - (B) Maternal tachycardia
 - (C) Failure to progress
 - (D) Hypotonic uterine contractions
99. Which radiation is used in "Radiotherapy"?
- (A) Infra-red radiation
 - (B) Ultra Violet radiation
 - (C) Microwave radiation
 - (D) Gamma radiation
100. Main mechanism of cell killing by radiation is:
- (A) Damage to cell membrane
 - (B) Damage to DNA
 - (C) Damage to mitochondria
 - (D) Changes in cellular metabolism
101. Most frequently seen tumor in cerebellopontine angle is:
- (A) Vestibular Schwannoma
 - (B) Meningioma
 - (C) Congenital cholesteatoma
 - (D) Metastasis
102. The commonest malignant tumor of the lid is:
- (A) Squamous cell carcinoma
 - (B) Basal cell carcinoma
 - (C) Sebaceous cell carcinoma
 - (D) Malignant melanoma
103. Completion of second meiotic division of oocytes occurs after _____
- (A) Puberty
 - (B) Ovulation
 - (C) Infantile period
 - (D) Sperm fusion and penetration
104. The most accurate tonometer is:
- (A) Goldmann Applanation tonometer
 - (B) Schiottz tonometer
 - (C) Air-puff tonometer
 - (D) Tonopen
105. Following are seen in otosclerosis EXCEPT:
- (A) Tympanosclerosis
 - (B) Mobile tympanic membrane
 - (C) Rinne negative
 - (D) Conductive deafness

106. The investigation of choice for demonstration of a pituitary microadenoma is:
- (A) Dynamic CECT
 - (B) PET CT
 - (C) Dynamic CEMR
 - (D) MR
107. Minimum drug interaction is expected when Lamotrigine is combined with which of the following?
- (A) Valproate
 - (B) Carbamazepine
 - (C) Phenobarbitone
 - (D) Lithium
108. All the following are true for measles EXCEPT:
- (A) Prodromal phase presents with fever, rhinorrhoea, conjunctival congestion
 - (B) Dry hacking cough must be present
 - (C) Fever disappears as the rash appears
 - (D) Rash starts from behind the ears and rapidly spreads to face neck and body
109. All are true statements about tetanus EXCEPT:
- (A) Between the reflex convulsions the muscular spasm completely disappears
 - (B) Causative agent is *Clostridium tetani*
 - (C) Minor stimulus can cause spasm of extensor muscles of neck, back and legs to form a backward curvature
 - (D) Respiratory failure and death can occur in the cyanotic attacks
110. Neuromuscular-blocking drugs cause all these EXCEPT:
- (A) CNS depression and analgesia
 - (B) Blockade of nAChR
 - (C) Muscle paralysis
 - (D) Blockade of efferent limb of somatic reflex arc
111. All of the following are Primary vasculitic syndromes EXCEPT:
- (A) Polyarteritis nodosa
 - (B) Takayasu's arteritis
 - (C) Kawasaki disease
 - (D) Serum sickness
112. Drug induced cataract is caused by all EXCEPT:
- (A) Chlorpromazine
 - (B) Amiodarone
 - (C) Allopurinol
 - (D) Azelastine
113. Hypokalemia is seen in all EXCEPT:
- (A) B₂-antagonists
 - (B) Gastro-intestinal loss
 - (C) Hypothermia
 - (D) Total parental nutrition
114. Young boy presenting with history of high grade fever and periumbilical pain and shows shifting tenderness on right side from the umbilicus. What should be the MOST appropriate diagnosis?
- (A) Appendicitis
 - (B) Mesenteric lymphadenitis
 - (C) Amoebic typhlitis
 - (D) Ileocecal Koch's
115. Systemic inflammatory response syndrome (SIRS) involves all of the following EXCEPT:
- (A) Hyperthermia (>38 °C) or hypothermia (<36 °C)
 - (B) Tachycardia (>90/min) or tachypnea (>20/min)
 - (C) White cell count >12X10⁹/litre or < 4X10⁹/litre
 - (D) Presence of organism in blood culture
116. Projective techniques of personality assessment include all of the following EXCEPT:
- (A) CATTELL'S 16 PF TEST
 - (B) Thematic apperception Test (TAT)
 - (C) Draw a person Test (DAPT)
 - (D) Rorschach Inkblot Test

117. The compression : ventilation ratio recommended while TWO RESCUERS are resuscitating an adult victim is:
- (A) 15:1
 - (B) 15:2
 - (C) 30:1
 - (D) 30:2
118. Twin peak sign indicates:
- (A) Monozygotic monoamniotic
 - (B) Monozygotic diamniotic
 - (C) Dichorionic diamniotic
 - (D) None of the above
119. 'Dry' texture, satellite, finger like lesions and immune ring are features of:
- (A) Viral keratitis
 - (B) Protozoal keratitis
 - (C) Fungal keratitis
 - (D) Bacterial keratitis
120. The therapy of choice of chronic plaque psoriasis in a HIV positive patient is
- (A) PUVA
 - (B) NBUBV
 - (C) Acitretin
 - (D) Ampicillin
121. Kveim Test is diagnostic for one of the following.
- (A) Leishmaniasis
 - (B) Sarcoidosis
 - (C) Leprosy
 - (D) Tuberculosis cutis
122. The following is a live vaccine:
- (A) DPT
 - (B) IPV
 - (C) Typhoid
 - (D) BCG
123. Which is NOT seen in Iron deficiency anaemia?
- (A) Decreased serum ferritin level
 - (B) Increased total iron binding capacity
 - (C) Increased serum ferritin level
 - (D) Decreased Red cell protoporphyrin level
124. The thyroid hormone profile seen in Sick Euthyroid syndrome is:
- (A) Decreased T_4 with normal T_3 and TSH
 - (B) Decreased T_3 with normal T_4 and TSH
 - (C) Decreased T_3 and T_4 with normal TSH
 - (D) Decreased T_3 , T_4 and TSH
125. Bone age in short stature is delayed as compared to chronological age in all EXCEPT:
- (A) Precocious puberty
 - (B) Constitutional delay
 - (C) Growth hormone deficiency
 - (D) Hypothyroidism
126. Endometriosis causes following symptoms EXCEPT:
- (A) Infertility
 - (B) Pelvic pain
 - (C) Vaginal discharge
 - (D) Dyspareunia
127. Dermatitis, diarrhea and dementia are seen in deficiency of:
- (A) Thiamine
 - (B) Riboflavin
 - (C) Niacin
 - (D) Pyridoxine
128. Side effects of oxytocin does NOT include:
- (A) Uterine stimulation
 - (B) Uterine rupture
 - (C) Diuresis
 - (D) Hypotension

129. Systemic inflammatory response syndrome is characterized by all EXCEPT:
- (A) Hyperthermia
 - (B) Hypothermia
 - (C) Leucopenia
 - (D) Bradycardia
130. Absolute contraindications of combined oral contraceptive pills include all EXCEPT:
- (A) Venous thrombosis
 - (B) Hypertension
 - (C) Migraine
 - (D) Hepatoma
131. By definition carbuncle is:
- (A) Infection of pilosebaceous unit
 - (B) Infection of muscular tissue
 - (C) Destructive invasive infection of skin, subcutaneous tissue and deep fascia
 - (D) Infective gangrene of subcutaneous tissues
132. Which of these mesenteric cysts can be completely excised without resection of intestine?
- (A) Enterogenous cyst
 - (B) Chylolymphatic cyst
 - (C) Dermoid cyst
 - (D) Teratomatous cyst
133. All are true for ataxia telangiectasia EXCEPT:
- (A) Autosomal recessive condition
 - (B) Ataxia begins by 2 yrs of age
 - (C) Oculomotor apraxia is seen
 - (D) Skin is hyper elastic
134. All are true about Korsakoff's Psychosis EXCEPT:
- (A) Difficulty in calculation
 - (B) No confusion
 - (C) Focal lesion of PAPEZ circuit
 - (D) Prolonged thiamine treatment can help
135. Cock's peculiar tumor is:
- (A) Ulcerated sebaceous cyst
 - (B) Squamous cell carcinoma of skin
 - (C) Basal cell carcinoma of skin
 - (D) Cylindroma
136. Which one of the following statement is FALSE for 'Herbert screw'?
- (A) It provides compression across the fracture site
 - (B) It may be used to fix the intraarticular fracture fragments
 - (C) It has differential pitch mechanism
 - (D) The compression is obtained by the pressure of the screw head
137. Which one of the following anatomical defects does NOT contribute to the recurrent anterior shoulder dislocation?
- (A) Posterosuperior bone loss in humeral head
 - (B) Avulsed labrum from the anterior glenoid margin
 - (C) Eburnated anterior glenoid rim
 - (D) Avulsion of subscapularis from the humeral attachment
138. The earliest finding on x-ray wrist in a child with rickets is:
- (A) Widening of metaphysis
 - (B) Cupping of metaphysis
 - (C) Irregularity of metaphysis
 - (D) Loss of provisional zone of calcification
139. Uncontrolled hyperthyroid patient undergoes surgery and in the post-operative period develops fever, tachycardia and hypotension. What is the MOST probable diagnosis?
- (A) Acute hypoparathyroidism
 - (B) Mxyedemic coma
 - (C) Thyroid storm
 - (D) Thyroid hematoma

140. Complete the sentence. Retraction of uterine muscle is _____
- (A) Permanent contraction and shortening of muscle fibres
 - (B) Causes occlusion of spiral arteries
 - (C) Favors placental separation
 - (D) All of the above
141. Hysteroscopy in gynecology is useful in:
- (A) Vesicular mole
 - (B) Ca Endometrium
 - (C) Ca Cervix
 - (D) Abnormal uterine bleeding
142. All are characteristic features of Vernal keratoconjunctivitis EXCEPT:
- (A) Shield ulceration
 - (B) Pseudogerontoxon
 - (C) Tranta's spots
 - (D) Art's line
143. Hyperkalemia is a side-effect of:
- (A) Amphotericin
 - (B) Trimethoprim
 - (C) Lamivudine
 - (D) Frusemide
144. The boundaries of inferior lumbar triangle include all EXCEPT:
- (A) Latissimus dorsi muscle
 - (B) External oblique muscle
 - (C) Internal oblique muscle
 - (D) Iliac crest
145. The criteria for admission in a case of pneumonia in CURB-65 include all EXCEPT:
- (A) Deranged kidney function tests
 - (B) Raised serum bilirubin level
 - (C) Altered sensorium
 - (D) Tachypnoea
146. The following constitutes triad in NEC, EXCEPT:
- (A) Hyponatremia
 - (B) Hypokalemia
 - (C) Metabolic acidosis
 - (D) Thrombocytopenia
147. Mikulicz cells and Russell bodies is diagnostic of:
- (A) Hodgkin's disease
 - (B) Rhinosporidiosis
 - (C) Diphtheria
 - (D) Rhinoscleroma
148. Hutchinson's classic triad of late congenital syphilis consist of all EXCEPT:
- (A) Interstitial keratitis
 - (B) Eighth nerve deafness
 - (C) Hutchinson's teeth
 - (D) Syphilitic rhinitis
149. Conjugated Hyperbilirubinemia is seen in:
- (A) Gilbert syndrome
 - (B) Rotor syndrome
 - (C) Crigler-Najjar Syndrome Type 1
 - (D) Crigler-Najjar Syndrome Type 2
150. A 2 year old child presents to the casualty with bloody diarrhea 3 days, progressive pallor, altered sensorium, oliguria with deranged KFT and thrombocytopenia. The initial investigation to be ordered to diagnose the illness should be:
- (A) Peripheral smear
 - (B) LFT
 - (C) PT
 - (D) Renal biopsy

Space for Rough Work:

