

# 017/2021

Question Booklet  
Alpha Code

A

Question Booklet  
Serial Number

Total No. of Questions : 100

Time : 75 Minutes

Maximum : 100 Marks

### INSTRUCTIONS TO CANDIDATES

1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. A, B, C & D.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. Blank sheets of paper is attached to the question booklet. These may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball-Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted.  
No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

017/2021-A





017/2021

**Total Marks : 100 Marks**

**Time : 1 hour and 15 minutes**

9. Select the FALSE Statement :

  - (A) AV node cannot conduct impulses more than 230 per minute in adults.
  - (B) Dizziness and fainting in Stokes-Adams syndrome is due to cerebral ischemia.
  - (C) Oculocardiac reflex can convert tachycardia to normal sinus rhythm.
  - (D) Ventricular premature beats interrupt the regular discharge of the SA node.

10. All of the following produce steatorrhea, EXCEPT :

  - (A) Cholecystectomy
  - (B) Defective reabsorption of bile salts
  - (C) Hypersecretion of gastric acid
  - (D) Lipase deficiency

11. Primary adrenal insufficiency can be distinguished from secondary by

  - (A) Diffuse tanning of the skin and spotty pigmentation
  - (B) Fatal hypoglycemia on fasting
  - (C) Severe hypotension and shock known as addisonian crisis
  - (D) Severe pallor because of the absence of ACTH

12. Select the WRONG statement from the following :

  - (A) Cerebellar hemisphere controls the ipsilateral side of the body.
  - (B) Second order neurons of dorsal column tract begin from nucleus gracilis and cuneatus.
  - (C) Merkel's disc and Ruffini endings are examples of rapidly adapting receptors.
  - (D) Muscle spindles and nociceptors are slowly adapting receptors.

13. Criminal responsibility by a person is attained by the age of :

  - (A) 5 years
  - (B) 7 years
  - (C) 16 years
  - (D) 18 years

14. Dermatoglyphics is a method to determine the following :

  - (A) age
  - (B) identity
  - (C) stature
  - (D) socio-economic status

15. The term p300 is related to :

  - (A) brain fingerprinting
  - (B) DNA fingerprinting
  - (C) narco-analysis
  - (D) polygraphy

16. Endogenous burns are associated with :

  - (A) lightning stroke
  - (B) low voltage electrocution
  - (C) fire & explosions
  - (D) run-over injuries



25. All the following statements regarding Linezolid are true, except :
- (A) It is primarily bactericidal.
  - (B) It has good oral bioavailability.
  - (C) It is a MAO-inhibitor.
  - (D) Prolonged use can cause myelosuppression.
26. Lubiprostone is used in the treatment of
- (A) Glaucoma
  - (B) Induction of labour
  - (C) Irritable bowel syndrome
  - (D) Peptic ulcer
27. Voglibose acts by inhibiting
- (A) aldose reductase
  - (B) alpha glucosidase
  - (C) GLP-1
  - (D) PPAR- $\alpha$
28. All the following drugs are uricosuric agents used in chronic gout, except :
- (A) Sulfin pyrazone
  - (B) Probenecid
  - (C) Benzbromarone
  - (D) Febuxostat
29. Time gap between primary and secondary case is
- (A) Serial interval
  - (B) Generation time
  - (C) Median incubation period
  - (D) Secondary attack rate
30. Strength of sewage is expressed in terms of
- (A) *Biological oxygen demand*
  - (B) *Suspended solids*
  - (C) *Chemical oxygen demand*
  - (D) *E. coli* count
31. The highest percentage of poly unsaturated fatty acids (PUFA) is present in
- (A) Groundnut oil
  - (B) Margarine
  - (C) Safflower oil
  - (D) Palm oil
32. Mifepristone (RU-486) used for medical abortion is
- (A) Antifolate
  - (B) Antiprogesterone
  - (C) Antioestrogenic
  - (D) Prostaglandin derivative
33. Goldenhar syndrome contains all the following features, except :
- (A) Hypoplasia of facial bone
  - (B) Polydactyly
  - (C) Preauricular skin tags
  - (D) Bilateral limbal dermoids

**34.** The most common cause of Acute Bacterial conjunctivitis among the following are

- |                                     |  |
|-------------------------------------|--|
| (A) <i>Staphylococcus albus</i>     | (B) <i>Corynebacterium diphtheriae</i> |
| (C) <i>Streptococcus pneumoniae</i> | (D) <i>Staphylococcus aureus</i>       |

**35.** All are causes of Miosis, except :

- |  |  |
|--|--|
| (A) Belladonna poisoning                 |  |
| (B) Organophosphorous compound poisoning |  |
| (C) Pontine haemorrhage                  |  |
| (D) Morphine poisoning                   |  |

**36.** Salu's Sign is seen in

- |                          |                              |
|--------------------------|------------------------------|
| (A) Diabetic retinopathy | (B) Hypertensive retinopathy |
| (C) Retinitis pigmentosa | (D) Retinal detachment       |

**37.** Bony labyrinth responsible for hearing

- |                      |             |
|----------------------|-------------|
| (A) Vestibule        | (B) Saccule |
| (C) Stria vascularis | (D) Cochlea |

**38.** Hyaline cartilage is seen in

- |                       |                           |
|-----------------------|---------------------------|
| (A) Pinna             | (B) Epiglottis            |
| (C) Thyroid cartilage | (D) Corniculate cartilage |

**39.** Following are tuning fork test, except :

- |                    |                     |
|--------------------|---------------------|
| (A) Gelle's test   | (B) Guttzman's test |
| (C) Stenger's test | (D) Weber test      |

**40.** Length of Eustachian tube in adults is

- |           |           |
|-----------|-----------|
| (A) 25 cm | (B) 8 cm  |
| (C) 36 mm | (D) 16 mm |

**41.** Iron deficiency anemia, koilonychia, dysphagia is seen in

- |                       |                             |
|-----------------------|-----------------------------|
| (A) Ortner's syndrome | (B) Kartagener's syndrome   |
| (C) Horner syndrome   | (D) Plummer Vinson syndrome |

**42.** In infant, the most sensitive audiometric screening is

- |   |  |
|---|--|
| (A) Cortical Evoked Response Audiometry (CERA)  |  |
| (B) Brainstem Evoked Response Audiometry (BERA) |  |
| (C) Electrocotchleography (ECochG)              |  |
| (D) Impedance audiometry                        |  |





- 59.** A syndrome characterized by delusional conviction that other persons in the environment are not their real selves but are their own doubles is
- (A) De Clerambault Syndrome      (B) Charles Bonnet Syndrome  
(C) Capgras Syndrome      (D) Othello Syndrome
- 60.** All the following are seen in Depressive Disorder, EXCEPT :
- (A) Flight of Ideas      (B) Psychomotor Agitation  
(C) Anhedonia      (D) Suicidal Ideations
- 61.** Marked sensitivity to Antipsychotics resulting in severe Extrapyramidal side effects are common in
- (A) AIDS Dementia Complex      (B) Lewy Body Dementia  
(C) Alzheimer's Dementia      (D) Multi-Infarct Dementia
- 62.** Erythema infectiosum is caused by
- (A) Herpes virus      (B) Parvovirus B19  
(C) Paramyxo virus      (D) Ebstein Barr virus
- 63.** Invermectin is used for treatment of
- (A) Scabies      (B) Syphilis  
(C) Pityriasis rosea      (D) Measles
- 64.** The type of psoriasis more commonly seen in children and adolescents is
- (A) Chronic plaque psoriasis      (B) Psoriasis unguis  
(C) Acute guttate psoriasis      (D) Psoriatic erythroderma
- 65.** The most common sensitizer among topical antibiotics is
- (A) Neomycin sulfate      (B) Sisomicin  
(C) Bacitracin      (D) Mupirocin
- 66.** Radiosensitive testicular neoplasm is :
- (A) Seminoma      (B) Teratoma  
(C) None of the above      (D) All of the above
- 67.** Among the following surgeries, abdominal approach is used in
- (A) Thiersch operation      (B) Delorme's operation  
(C) Altemier's procedure      (D) Ripstein's operation









## **SPACE FOR ROUGH WORK**

## **SPACE FOR ROUGH WORK**