| Question Booklet No.  | Question Booklet Code   | <b>Δ</b>            |
|---|---|---------------------|
| Candidate's Roll No.  | Serial No./ Bar Code No. on the OMR Based Answer Sheet  |                     |
|   | Centre Code   |                     |
| Roll No. (In words)   |   |                     |
| Signature of the Candidate  |   |                     |
| have checked the entries made above and in the  | e OMR Sheet by the candidate.   |                     |
|   | Signature of the Invigila   | ator                |
| Time allowed: 1 Hour 30 Minutes Total C   | uestions: 100 Maximum Marks: 10   | 0                   |
| KINDLY READ THE FOLLOWING INSTRUCTIONS  All questions are to be attempted.                                      | If the space for the Booklet Serial num   | ER                  |
| 2. Each question carries one (01) mark.   | blank or more than one booklet serial rum   | ber is le           |
| There is no negative marking.   | indicated therein or the filling of name and  | d Roll N            |
| At the start of the examination and within firs   | is not as per instructions mentioned, ther  | it will b           |
| five minutes, the candidates are advised to ensure that all pages of question paper                             | deemed to be an incorrect booklet serial and Answer Sheet will not be evaluated.                | al numb             |
| booklet and OMR answer sheet are properly   | v 13. Candidates should put his/her signature a   | nd thun             |
| printed, numbered and that the question bookle  | impression on required space in the pre   | esence              |
| is not damaged in any manner.  Before attempting the guestion paper, kindle                                     | Invigilator in the Examination Hall.  |                     |
| Before attempting the question paper, kindle<br>check that this booklet has a total of 10                       | 14. Candidates are warned not to fold or n stray marks on the OMR Answer Shee                   | nake ar             |
| questions.  | Eraser, Nail Blade, White Fluid/Whitene   | er etc              |
| . In case of any discrepancy, the candidate should  | smudge, scratch or damage the OMR   | sheet               |
| immediately report the matter to the Invigilator for  | any manner during Examination is  | strict              |
| replacement of question booklet and OMF<br>Answer sheet. <b>No claim in this regard will be</b>                 | prohibited. The Candidature of ca<br>indulging in such activities shall be can                  | ndidate             |
| entertained after five minutes of start o   | f   15. Candidate's request to change the Exa   | aminatio            |
| examination.  | Centre and seat in the Examination Hall sh  | all not b           |
| All the candidates must return the question booklet as well as first copy of the OMR based                      | entertained.  16. No candidate shall be allowed to leave  | 41- O.              |
| answer-sheet to the invigilator concerned   | Answer Sheet blank. If any OMR Answ   | er She              |
| before leaving the Examination Hall.  | is found blank, it shall be crossed   | by th               |
| . If a candidate fails to handover back the question  | Invigilator with his/her signatur   |                     |
| booklet/answer-sheet to the invigilator, a case o<br>use of indulging in unfairmeans/misbehaviour wil           | mentioning 'Cancelled' on it.   |                     |
| be registered against the candidate in addition to  | 17. The OMR Answer Sheet will be evaluated electronic scanning process.                         | through             |
| lodging an FIR with the police. The answer shee   | 18. Incomplete or incorrect entries may ren   | der vou             |
| of such a candidate will not be evaluated.  | OMR Answer Sheet invalid.   |                     |
| The OMR based Answer Sheet has two copies. The examinee can retain the second                                   | 19. Each question has four alternative ans  | swers (             |
| copy of the OMR based answer sheet and take   | which only one is correct. For each of darken only one circle, whichever you                    | uestio              |
| that back along with him/her after examination  | the correct answer on the OMR Answer  | er She              |
| is over.  | with only Blue/Black Ball Pen provided  | I. Pend             |
| <ol><li>Do not forget to write roll number on the top<br/>of this question booklet and the OMR answer</li></ol> | should not be used for darkening the cir  | cle.                |
| sheet.  | 20. If more than one circle is found darker answer will not be evaluated.                       | ied, tha            |
| . Do not tear or fold any page of the question  | 21. If a candidate does not comply with the ins   | truction            |
| booklet and OMR Answer Sheet.   | as mentioned above or creates any   | kind o              |
| <ol><li>Candidates are advised to make sure to fill<br/>their name, Roll No. and question booklet</li></ol>     | indiscipline, the authorities shall take actio<br>the applicable rules and in addition can also | n as pe             |
| serial number on the OMR Answer sheet in a  | the Candidate from appearing in the Exam  | so deba<br>nination |
| correct manner only on the space provided.  | to be held in future and can also file  | crimina             |
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| CORRECT METHOD OF ATTEMPTING  | WRONG METHOD OF ATTEMPTING  |                     |
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3.

| 1.  | Which among the following is the most co appendicectomy?   | mmon site where appendix is found during                                       |
|-----|--|--|
|     | a. Retro-ileal<br>c. Ectopic   | b. Retro-caecal<br>d. Anterior to terminal ileum                               |
| 2.  | An injury to which of the following nerve le<br>a. Ulnar nerve<br>c. Phrenic nerve   | eads to 'winging of scapula'? b. Long thoracic nerve d. Median nerve           |
| 3.  | Which of the following structure serves as nerve block?  | the 'anatomical landmark' for the pudendal                                     |
|     | a. Ischial tuberosity c. Ischial spine   | <ul><li>b. Pubic tubercle</li><li>d. Anterior superior iliac spine</li></ul>   |
| 4.  | Which of the following nerve divides the padeep parts?   | arotid gland surgically into superficial and                                   |
|     | a. Fifth cranial nerve     c. Seventh cranial nerve  | <ul><li>b. Sixth cranial nerve</li><li>d. Eighth cranial nerve</li></ul>       |
| 5.  | Carbon dioxide retention is rarely a problem because:  | m in a patient with alveolar fibrosis  |
|     | <ul><li>a. Diffusion capacity of lungs for the carbon diffusion capacity for oxygen.</li><li>b. Diffusion capacity of lungs for oxygen is</li></ul>  |  |
|     | carbon dioxide. c. Carbon dioxide passes through all biolog d. pCO2 of venous blood is 46 mm Hg.   |  |
| 6.  | In a patient of haemorrhagic shock there of a. Vasodilatation of cutaneous blood vesses. Vasodilatation of splanchnic circulation. c. Vasodilatation of coronary circulation. d. Vasoconstriction of cerebral circulation. | ccurs:<br>els.   |
| 7.  | Rapid action of the drug 'albuterol,' which is mediated through:   | s used in the bronchial asthma, is   |
|     | a. Beta adrenergic receptors     c. Muscarinic receptors   | <ul><li>b. Alpha adrenergic receptors</li><li>d. Nicotinic receptors</li></ul> |
| 8.  | Narcolepsy is triggered by abnormalities of<br>a. Skeletal muscle<br>c. Hypothalamus   | b. Medulla oblongata<br>d. Neocortex   |
| 9.  | Mitochondrial DNA is inherited from:<br>a. Mother<br>c. Both   | b. Father<br>d. None   |
| 10. | When a blood sample is collected in a hepa separated into:   |  |
|     | Serum and clot     Serum and RBCs  | b. Plasma and clot     d. Plasma, buffy coat and RBCs                          |
| 11. | All of the following hormones are hyperglyca. Insulin c. Cortisol  | aemic, except:<br>b. Thyroxine<br>d. Growth hormone                            |

| 12. | patient a parenteral medication to treat developed grimacing and abnormal postubeen the inciting drug for this reaction? | to the emergency department with signs of ing. The doctor on duty administered to the at vomiting, following which the patient ure. Which out of the following could have |
|-----|--|---|
|     | a. Promethazine  | b. Hydroxyzine  |
|     | c. Metoclopramide  | d. Domperidone  |
| 13. | around 24 hours. Which of the following such attacks?  | chief complaints of throbbing headache<br>ks per month, with each episode lasting for<br>ng drug is most suitable for prevention of                                       |
|     | a. Phenytoin<br>c. Ethosuximide  | b. Valproic acid  |
|     | C. Ethosuximide  | d. Lamotrigine  |
| 14. | Which of the following antimicrobial agent a. Rifampicin   | needs dose reduction in renal failure?  |
|     | c. Amphotericin B  | b. Clindamycin  |
|     | c. / impriotericin B   | d. Doxycycline  |
| 15. | Which among the following conditions is a state?   | n acquired cause of hypercoagulable   |
|     | a. Antithrombin III deficiency   | b. Factor V Leiden thrombophilia  |
|     | c. Heparin induced thrombocytopenia  | d. Protein 'C' deficiency   |
| 16. | Which out of the following is the best test f  | or the assessment of iron status?   |
|     | Serum transferrin level     Serum iron concentration   | b. Serum ferritin level   |
|     | c. Serum from concentration  | d. Haemoglobin level  |
| 17. | Which one of the following poisons retards a. Lead   |   |
|     | c. Arsenic   | b. Copper<br>d. Mercury   |
|     |  | d. Mercury  |
| 18. | Fixation of post-mortem hypostasis occurs  | in after death.   |
|     | a. 2 to 3 hours  | b. 6 to 12 hours  |
|     | c. 12 to 18 hours  | d. After 24 hours   |
| 19. | Which out of the following choices is the besex of an individual from skeletal remains:                                  | est specimen of bone for determination of   |
|     | a. Skull   | b. Pelvis   |
|     | c. Femur   | d. Mandible   |
| 20. | Which among the fallenting I   |   |
| 20. | Which among the following does not enter a. Ancylostoma duodenale  | the human body through skin?  |
|     | c. Trichinella spiralis  | b. Strongyloides stercoralis     d. Necator americanus  |
|     | opilalio   | d. Necator americanus   |
| 21. | Scalded skin syndrome is mediated by:  |   |
|     | a. Haemolysin  | b. Coagulase  |
|     | c. Enterotoxin   | d. Epidermolytic toxin  |
| 22. | Which of the following condition can occur   | as a result of fifth cranial name palou?  |
|     | a. Ptosis  | b. Proptosis  |
|     | c. Neuropathic keratopathy   | d. Lagophthalmos  |
|     |  |   |

| 23. | A two month old child is brought to the ophi<br>and watery eyes since birth. Which of the for<br>this condition, at this stage? | thalmology OPD with complaints of sticky<br>ollowing would be the best intervention for |
|-----|---|---|
|     | a. Syringing  | b. Probing  |
|     | c. Sac massage  | d. Dacryocystorhinostomy  |
| 24. | Reactionary haemorrhage after tonsillecton  | ny occurs:  |
|     | After two weeks of tonsillectomy  | <ul> <li>b. After 72 hours of tonsillectomy</li> </ul>                                  |
|     | c. During first 24 hours of tonsillectomy   | d. None of the above  |
| 25. | In which of the following anatomical sites is encountered?  | the fungal ball most commonly   |
|     | a. Maxillary sinus  | b. Ethmoid sinus  |
|     | c. Sphenoid sinus   | d. Frontal sinus  |
| 26. | All of the following antimicrobials are used i  | n the treatment of Malaria, except:   |
|     | a. Doxycycline  | b. Amoxycillin + clavulanic acid  |
|     | c. Clindamycin  | d. Sulfadoxine + Pyrimethamine  |
| 27. | Which out of the following is the most comm<br>Rheumatic heart disease?   | non valvular abnormality seen in  |
|     | a. Mitral stenosis  | b. Tricuspid stenosis   |
|     | c. Aortic stenosis  | d. Pulmonary stenosis   |
| 28. | Which one out of the following is the most of   | common finding in an aphasic patient?   |
|     | a. Alexia   | b. Anomia   |
|     | c. Impaired comprehension   | d. Impaired fluency   |
| 29. | All of the following drugs are used in the ma except:   | anagement of hepatic encephalopathy,  |
|     | a. Lactulose  | b. Rifaximin  |
|     | c. L-ornithine L-aspartate  | d. Diazepam   |
| 30. | A primary tumour of which of the following obones?  | organs is least likely to metastasise to  |
|     | a. Breast   | b. Colon  |
|     | c. Kidney   | d. Lung   |
| 31. | All of the following clotting factors are former  |   |
|     | a. Factor II  | b. Factor VII   |
|     | c. Factor VIII  | d. Factor IX  |
| 32. | All of the following are the risk factors for de disease, except:   |   |
|     | a. Coal dust exposure   | <ul> <li>b. Airway hyperresponsiveness</li> </ul>                                       |
|     | c. Cigarette smoke exposure   | d. Recurrent respiratory infections   |
| 33. | All of the following are RNA viruses, except  |   |
|     | a. Human Immunodeficiency virus   | b. Herpes Simplex virus   |
|     | c. Coronaviruses  | d. Cytomegalovirus  |
|     |   |   |

34. A 25 year old G2P0A1 presented to the labour room with a history of amenorrhoea of 6 weeks, having bleeding per vagina along with pain abdomen for the last one day. On examination, her pulse rate was 100/min, BP-110/70 mm Hg, abdomen – not tense and slightly tender. On per vaginal examination, cervical os was closed, and a tender mass of size 3 cm x 2 cm could be felt in the right fornix. Which out of the following is the likely diagnosis in this case?

a. Abortion

b. Corpus luteal cyst

c. Unruptured ectopic pregnancy

- d. Ruptured ectopic pregnancy
- 35. A 16 year old female presented to the gynaecology outpatient department with chief complaints of not having attained menarche as yet, and experiencing cyclical pain in the lower abdomen for the last one year. On examination, per abdomen supra-pubic bulge was present. Secondary sexual characteristics were normal. On local examination, bluish coloured bulge at hymen was present. Which out of the following could be the most probable diagnosis?

a. Pregnancy

b. Cryptomenorrhea

c. Full bladder

- d. Congenital adrenal hyperplasia
- 36. Which condition out of the following is not a contraindication for ventouse delivery?

a. Occipito-transverse position

b. Prematurity

c. Face presentation

- d. Suspected fetal coagulation disorder
- 37. Which out of the following is not an early sign of uterine scar rupture?
  - a. Variable deceleration
  - b. Shock
  - c. Pain abdomen persisting in between contractions.
  - d. Bleeding per vaginum.
- 38. Which out of the following is not a contraindication for TOLAC (trial of labour after caesarean)?
  - a. Previous history of classical caesarean.
  - b. Placenta praevia
  - c. Suspected CPD
  - d. Previous history of one lower segment caesarean section.
- 39. Which out of the following is an absolute contraindication for usage of intrauterine devices, as per the WHO?
  - a. Current episode of sexually transmitted disease.
  - b. Nulliparity
  - c. Past history of pelvic inflammatory disease.
  - d. Cardiovascular disease.
- 40. Which out of the following is an absolute indication for caesarean section?

a. Previous caesarean delivery

b. Carcinoma cervix

c. Breech presentation

- d. Preeclampsia in current pregnancy.
- 41. Which out of the following is the most suitable contraceptive choice for use by a woman having menorrhagia and dysmenorrhea?
  - a. Levonorgestrel releasing intrauterine system.
  - b. Progesterone only pills.
  - c. Copper containing intrauterine devices.
  - d. Injectable contraceptives.

| 42. | Pre-hypertension in paediatric population is defined as:  a. Blood pressure 90 <sup>th</sup> -95 <sup>th</sup> percentile for age, height and gender.  b. Blood pressure 85 <sup>th</sup> -95 <sup>th</sup> percentile for age, height and gender.  c. Systolic blood pressure 85 <sup>th</sup> -90 <sup>th</sup> percentile for age, height and gender.  d. Diastolic blood pressure 85 <sup>th</sup> -90 <sup>th</sup> percentile for age, height and gender. |  |  |  |  |  |
|-----|---|--|--|--|--|--|
| 43. | 'Exanthema subitum' is caused by: a. Rubella virus b. Parvovirus c. HHV-6 d. Parainfluenza virus  |  |  |  |  |  |
| 44. | Which out of the following is the (laryngotracheobronchitis): a. Dexamethasone I/V b. Non-invasive ventilation c. Dexamethasone I/M & epinephrine I/M d. Dexamethasone I/M & nebulized epinephrine  |  |  |  |  |  |
| 45. | seizures?   |  |  |  |  |  |
|     | a. Phenytoin<br>c. Midazolam  | b. Phenobarbital<br>d. Valproate   |  |  |  |  |
| 46. | Which one out of the following is an incorrea. Can lead to malocclusion b. Is a source of great pleasure c. Is a sign of insecurity d. Must be treated vigorously in first year   | ect statement about 'thumb sucking'?   |  |  |  |  |
| 47. | Which out of the following is the earliest signal. Rachitic rosary  | gn of rickets?<br>b. Craniotabes<br>d. Harrison's groove   |  |  |  |  |
| 48. | Extremely low birth weight baby is a baby a. Less than 1500 grams. c. Less than 1000 grams.   |  |  |  |  |  |
| 49. | All of the following vitamins are in adequat a. Vitamin E c. Vitamin A  | e quantity in the breast milk, except: b. Vitamin K d. Vitamin C   |  |  |  |  |
| 50. | Primary dentition is complete by the age of a. Six months c. Two and a half years   | f:<br>b. One year<br>d. Four and a half years  |  |  |  |  |
| 51. | on MB-MDT. Six weeks later, the patient   | having borderline leprosy and was started developed pain in the nerves and redness the following should be included in the |  |  |  |  |
|     | c. Rest to the affected limbs   | b. Systemic corticosteroids d. Analgesics  |  |  |  |  |
| 52. | Which out of the following would be the trimester pregnancy, presenting with pustu a. Prednisolone c. Acitretin   | drug of choice in a woman with second lar psoriasis? b. Dapsone d. Methotrexate  |  |  |  |  |
|     |   |  |  |  |  |  |

| 53. | also gives a history of rapid graying of hair in few areas. Which out of the foll conditions could be the probable diagnosis?  |  |  |
|-----|--|--|--|
|     | a. Alopecia areata<br>c. Telogen effluvium   | <ul><li>b. Anagen effluvium</li><li>d. Androgenetic alopecia</li></ul>   |  |
| 54. | All of the following are the markers of bone a. Urine hydroxyproline   | resorption, except: b. Urine deoxypridinoline  |  |
|     | c. Serum TRAP levels   | d. Serum osteocalcin   |  |
| 55. | All of the following are true about the 'cauda<br>a. Symmetrical paralysis<br>c. Areflexia   | a equina' syndrome, except: b. Lower motor neuron type lesion d. Bowel bladder involvement                           |  |
| 56. | In which of the following conditions is the 'tha. Elbow dislocation c. Fracture lateral condyle of humerus   | hree point bony relationship' maintained? b. Fracture medial condyle of humerus d. Supracondylar fracture of humerus |  |
| 57. | Hotchkiss terrible triad of elbow does not in  |  |  |
|     | a. Elbow dislocation     c. Fracture radial head   | b. Fracture olecranon d. Fracture coronoid   |  |
| 58. | Boxer's fracture is:  a. Extraarticular fracture of the first metacar b. Intraarticular fracture of the first metacar c. Fracture of the fifth metacarpal neck. d. Fracture of the second metacarpal base. | pal base.  |  |
| 59. | Multiple cannon ball lesions if present in a following conditions?   | chest X-ray is suggestive of which of the  |  |
|     | a. Metastases<br>c. Actinomycosis  | <ul><li>b. Tuberculosis</li><li>d. Pneumoconiosis</li></ul>  |  |
| 60. | On chest X-ray, effacement of right heart be a. Collapse of upper lobe of lung c. Collapse of lower lobe of lung   | order is a sign of:<br>b. Collapse of middle lobe of lung<br>d. All of the above                                     |  |
| 61. | 'Swirl sign' is / in: a. Hypodense area within hyperdense acute b. Old calcified haematoma. c. Blood in sylvian fissure. d. Re-haemorrhage within an organized hae   |  |  |
| 62. | 'Snowstorm appearance' on ultrasound is s  |  |  |
|     | a. Ectopic pregnancy     c. Fibroid uterus   | b. Hydatidiform mole<br>d. Abortion  |  |
| 63. | Which of the following is the investigation of   | f choice for detection of gall stones?   |  |
|     | X-ray abdomen     Ultrasonography abdomen  |  |  |
|     | <ul><li>c. Computerised tomography scan (CT scand. Magnetic Resonance Cholangiopancreat</li></ul>  | n) abdomen<br>ography (MRCP).  |  |

64. Among the undermentioned contrast media, which one is the most appropriate for detecting a suspected leak in the gastrointestinal tract?

a. Thin barium

b. Thick barium

c. Ionic water soluble

- d. Non-ionic water soluble
- 65. What would be the type of study design, if during the study period, data related to association between low birth weight and maternal smoking is studied by obtaining history of smoking by the women at the time of their antenatal visits, and then subsequently a correlation between birth weight and history of smoking is drawn?

a. Case control study

b. Cohort study

c. Randomised controlled trial

- d. Cross-sectional study
- 66. To which of the under-mentioned parameters does the 'Goal'-6 of the Sustainable Development Goals, pertain to?
  - a. Health
  - b. Education
  - c. Gender equality and women empowerment.
  - d. Clean water and sanitation.
- 67. As per the national guidelines for the treatment of malaria, which of the undermentioned drugs, is the drug of choice in the management of malaria due to Plasmodium falciparum, in a female, who is in her first trimester of pregnancy?
  - a. Artesunate + pyrimethamine-sulfadoxine combination therapy.
  - b. Chloroquine
  - c. Quinine
  - d. Artemether + lumefantrine combination therapy.
- 68. Which of the under-mentioned choices denotes the amount of calories and proteins respectively, that should be provided to a severely malnourished 5 year old child under the ICDS scheme in India?

a. 500 Kcal, 12-15 g

b. 600 Kcal, 18-20 g

c. 800 Kcal, 20-25 g

d. 1000 Kcal, 20-25 g

69. The definition of extensively drug resistant tuberculosis (XDR-TB) includes:

a. MDR cases with resistance to any fluoroquinolone.

- b. MDR/RR-TB cases with resistance to any fluoroquinolone, and at least one additional group A drug.
- Resistance to isoniazid and rifampicin, with or without resistance to other first line anti-TB drugs.
- d. Resistance to more than one first line anti-TB drug, other than both Isoniazid and Rifampicin.
- 70. 'World Breast Feeding Week' is celebrated in:

a. 1st week of March

b. 1st week of July

c. 1st week of August

- d. 1st week of December
- 71. Which of the following statements is true about the 'National Deworming Day?' a. It is observed every month.

b. Children within the age group of 1 to 19 years are covered in it.

c. Diethyl carbamazine is the drug that is administered in this programme.

d. It is an initiative undertaken by the Ministry of Education.

- 72. 'Leprosy eradication' means:
  - a. Less than one case per 1000 population.
  - b. Less than one case per 10,000 population.
  - c. 1-5 cases per 10,000 population.
  - d. 5-10 cases per 10,000 population.
- 73. Which of the under-mentioned statements is correct regarding 'Mission Indra Dhanush'?
  - a. It is programme regarding providing safe environment.
  - b. It is a programme regarding care of pregnant women.
  - c. It is an activity to boost immunisation of children and unimmunised pregnant women.
  - d. It is an activity to boost good rainfall for bumper crops.
- Each year, the 'World Health Day' is celebrated on:

a. 30<sup>th</sup> January c. 11<sup>th</sup> July

b. 7<sup>th</sup> April

d. 1st December

A 2 year old unvaccinated child presents with fever, cough, sneezing along with dusky red maculopapular rash, which had started behind the ears and had spread rapidly to the face, neck and body. His most probable diagnosis is:

a. Small pox

b. Chicken pox

c. Measles

- d. Whooping cough
- Under the ambit of the 'National Vector Borne Disease Control Programme (NVBDCP),' which of the following disease is not covered?

a. Filariasis

b. Japanese encephalitis

c. Chikungunya

- d. Cutaneous Leishmaniasis
- 77. Which of the following diseases was not covered under 'Vision 2020' programme in India?

a. Glaucoma

b. Diabetic retinopathy

c. Corneal blindness

- d. Onchocerciasis
- The 'UJJAWALA scheme' started by Ministry of Women & Child Development is for:
  - a. Providing LPG connection to families below poverty line.
  - b. Improving the quality of the labour rooms.
  - c. Preventing trafficking of women and children.
  - d. Providing home based newborn care by ASHA.
- The 'LaQshya Program' launched by the Government of India refers to:
  - a. Initiative for control of vector borne diseases.
  - b. Initiative for providing vaccination to under 5 children.
  - c. Initiative to improve quality of care in labour rooms at public health facilities.
  - d. Initiative to provide affordable health care.
- 80. The aim of the 'Mid-day meal' programme is to supplement:
  - a. Half of the protein and one-third of the daily calorie requirement.
  - b. One-third of the protein and one-third of the daily calorie requirement.
  - c. Half of the protein and half of the daily calorie requirement.
  - d. One-third of the protein and half of the daily calorie requirement.

| 81. | Which out of the following figure denotes the as per the 'National Programme for Prever a. 12.2% c. 05.1%  | e prevalence of hearing impairment in India<br>tion and Control of Deafness'?<br>b. 06.3%<br>d. 03.2%        |
|-----|--|--|
| 82. | Which out of the following figure denotes units, IU), that is administered for proph Prophylaxis programme? a. 2000 IU c. 20,000,000 IU  | the quantity of vitamin A (in international hylaxis under the National Vitamin A b. 20,000 IU d. 2,00,000 IU |
| 83. | A staff working in the cotton textile indupresented to the hospital with chronic coug the following could be the probable type of a. Silicosis c. Byssinosis   | h and progressive dyspnoea. Which out of   |
| 84. | All of the following are the criteria for high-ra. Short statured primigravida (height, 140 b. Elderly primigravida (age 30 years and oc. Blood pressure of 118/78 mmg. d. History of previous delivery by caesarear | cm and below).<br>ver).  |
| 85. | Which of the following thyroid malignancy is a. Follicular c. Medullary  | s common after radiation exposure?<br>b. Papillary<br>d. Anaplastic  |
| 86. | Cullen's sign is:  a. Bluish discoloration of the flanks b. Bluish discoloration around umbilicus c. Migratory thrombophlebitis d. Subcutaneous fat necrosis   |  |
| 87. | For which of the following condition is the Ha. Achalasia cardia c. Diaphragmatic hernia   | leller's operation performed?<br>b. Hiatus hernia<br>d. Reflux oesophagitis                                  |
| 88. | Who among the following said, "Skin is the a. Joseph Lister c. James Paget   | best dressing?"<br>b. John Hunter<br>d. Mc Neill Love  |
| 89. | Which out of the following is the most commano? a. Anterior c. Lateral   | non site for developing of chronic fissure in b. Posterior d. Anterolateral                                  |
| 90. | Which of the following condition is associate a. Cold clammy skin c. Bradycardia   | ed with septic shock?<br>b. Tachypnea<br>d. Polyuria   |
| 91. | The minimum area of the land required to called:  a. Biota c. His ecological footprint   | b. Biome d. Niche  |

| 92.  | What out of the following is present in the a driver?   | airbag that is used for the safety of the car  |
|------|---|--|
|      | a. Sodium bicarbonate   | b. Sodium azide  |
|      | c. Sodium nitrite   | d. Sodium peroxide   |
| 93.  | Which of the following scientist had a major who also had developed a primitive microsof a. Robert Koch c. Robert Boyle | or contribution in the field of science, and cope and coined the term 'cell'?  b. Antony van Leeuwenhoek d. Robert Hooke |
| 94.  | The 'blue baby pollution disease' is due to following in the drinking water?  | the excessive presence of which of the   |
|      | a. Fluoride   | b. Chloride  |
|      | c. Nitrate  | d. Arsenic   |
| 95.  | The 'Kyoto Protocol" is an international treduction in:   | treaty that commits the State parties to   |
|      | a. Poverty  | b. Greenhouse gases emission   |
|      | c. Nuclear armaments  | d. Agricultural subsidy  |
| 96.  | Which of the following is not a discipline AYUSH?   | that is under the domain of Ministry of  |
|      | a. Ayurveda   | b. Allopathy   |
|      | c. Unani  | d. Siddha  |
| 97.  | Which of the following Indian scientist had th<br>Prize but also the Bharat Ratna?                                      | e distinction of receiving not only the Nobel  |
|      | a. Dr. Vikram Sarabhai  | b. Dr. J. C. Bose  |
|      | c. Dr. C. V. Raman  | d. Dr. Homi Jehangir Bhabha  |
| 98.  | 'Constitution Day of India' is celebrated eve   | ry year on:  |
|      | a. 26 <sup>th</sup> October   | b. 26 <sup>th</sup> November   |
|      | c. 26 <sup>th</sup> January   | d. 15 <sup>th</sup> August   |
| 99.  | The book 'Long Walk to Freedom' is written  | by:  |
|      | a. Mahatma Gandhi   | b. Nelson Mandela  |
|      | c. Martin Luther King   | d. John F. Kennedy   |
| 100. | Who among the following is a famous 'Santo  | oor player'?   |
|      | a. Shiv Kumar Sharma  | b. Hari Prasad Chaurasia   |
|      | c. Ravi Shankar   | d. Zakir Hussain   |
|      |   |  |
|      |   |  |

# ANSWER KEY FOR WRITTEN EXAMINATION CONDUCTED BY PT. B.D. SHARMA UNIVERSITY OF HEALTH SCIENCES, ROHTAK, FOR RECRUITMENT OF MEDICAL OFFICERS FOR HEALTH DEPARTMENT, GOVERNMENT OF HARYANA.

(HELD ON 10.04.2022 BETWEEN 12.30 PM TO 02.00 PM)

| SET-A |   |    |   |    |   |     |   |
|-------|---|----|---|----|---|-----|---|
| 1     | В | 26 | В | 51 | Α | 76  | D |
| 2     | В | 27 | Α | 52 | Α | 77  | D |
| 3     | С | 28 | В | 53 | А | 78  | С |
| 4     | С | 29 | D | 54 | D | 79  | С |
| 5     | А | 30 | В | 55 | Α | 80  | А |
| 6     | С | 31 | С | 56 | D | 81  | В |
| 7     | Α | 32 | D | 57 | В | 82  | D |
| 8     | С | 33 | D | 58 | С | 83  | С |
| 9     | Α | 34 | С | 59 | А | 84  | С |
| 10    | D | 35 | В | 60 | В | 85  | В |
| 11    | Α | 36 | Α | 61 | Α | 86  | В |
| 12    | С | 37 | В | 62 | В | 87  | Α |
| 13    | В | 38 | D | 63 | В | 88  | Α |
| 14    | С | 39 | Α | 64 | D | 89  | В |
| 15    | С | 40 | В | 65 | В | 90  | В |
| 16    | В | 41 | Α | 66 | D | 91  | С |
| 17    | С | 42 | Α | 67 | С | 92  | В |
| 18    | В | 43 | С | 68 | С | 93  | D |
| 19    | В | 44 | D | 69 | В | 94  | С |
| 20    | С | 45 | В | 70 | С | 95  | В |
| 21    | D | 46 | D | 71 | В | 96  | В |
| 22    | С | 47 | В | 72 | В | 97  | C |
| 23    | С | 48 | С | 73 | С | 98  | В |
| 24    | С | 49 | В | 74 | В | 99  | В |
| 25    | Α | 50 | С | 75 | С | 100 | A |