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Question Booklet Sl. No.

Question Booklet Alpha Code

A

A

Total Number of Questions : 100

Time : 90 Minutes

Maximum Marks : 100

**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/her 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. A blank sheet of paper is attached to the Question Booklet. This 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.

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1. Anterior fontanelle in the skull closes by what age after birth ?  
A) 18 months                      B) 3 years                      C) 5 years                      D) 1 month
  
2. Which among the following is a ball and socket type of joint ?
  - i. Elbow joint
  - ii. Ankle joint
  - iii. Shoulder joint
  - iv. Hip jointA) i and ii only                      B) iii and iv only  
C) i and iii only                      D) iii only
  
3. The smallest bone in human body is  
A) Stapes                      B) Humerus  
C) Calcaneus                      D) Talus
  
4. Wrist drop occurs due to injury to which nerve ?  
A) Radial nerve                      B) Median nerve  
C) Musculocutaneous nerve                      D) Ulnar nerve
  
5. Apex of the heart is felt in adults at which space ?  
A) Right 4<sup>th</sup> intercostal space                      B) Left 4<sup>th</sup> intercostal space  
C) Right 5<sup>th</sup> intercostal space                      D) Left 5<sup>th</sup> intercostal space
  
6. Major site of production of Erythropoietin is  
A) Liver                      B) Kidney  
C) Lungs                      D) Heart
  
7. Which cells of the blood are specifically infected by HIV (Human Immunodeficiency Virus) ?  
A) Platelets                      B) CD4 lymphocytes  
C) CD8 lymphocytes                      D) Eosinophils
  
8. Which among the following is not an autoimmune disorder ?  
A) Myasthenia gravis                      B) Rheumatoid arthritis  
C) Type 1 diabetes                      D) Bronchial asthma



17. Choose the correct combination of occupational disease and the causative agent.
- A) Byssinosis – Cotton dust
  - B) Silicosis – Coal dust
  - C) Anthracosis – Sugarcane dust
  - D) Bagassosis – Silica dust
18. Choose the correct match from the following options of clinical condition and food toxicant.
- A) Ergotism – Aspergillus
  - B) Epidemic Dropsy – Claviceps in cereals like rye
  - C) Lathyrism – Beta I oxalylamino-I-alanine
  - D) Aflatoxicosis – Sanguinarine
19. Choose the antimalarial drug from the following options.
- A) Penicillin
  - B) Ciprofloxacin
  - C) Artesunate
  - D) Acyclovir
20. Choose the incorrect match from the following options of disease and drug given for chemoprophylaxis.
- A) Malaria – Chloroquine
  - B) Tuberculosis – Streptomycin
  - C) Diphtheria – Erythromycin
  - D) Leptospirosis – Doxycycline
21. All are signs of shock except
- A) Tachypnea
  - B) Hypotension
  - C) Confusion
  - D) Hypertension
22. What is C stands for in ABC management of critical care ?
- A) Coronary artery
  - B) Cardiac care
  - C) Continuous monitoring
  - D) Circulation
23. All the following are live attenuated vaccines except
- A) Measles
  - B) Mumps
  - C) Pertussis
  - D) Polio
24. All the following are good dietary sources of calcium except
- A) Orange
  - B) Fish with bones
  - C) Milk
  - D) Ragi

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25. Metabolic syndrome includes all the following except  
A) Type II DM      B) Cancer      C) Hypertension      D) Hyperlipidemia
26. 3 fundamental aspects of Disaster Management are  
A) Disaster response, Rehabilitation, Disaster mitigation  
B) Disaster preparedness, Disaster mitigation, Triaging  
C) Disaster preparedness, Disaster mitigation, Rehabilitation  
D) Disaster response, Disaster preparedness, Disaster mitigation
27. Of the following four conditions which is a disability ?  
A) Accident      B) Loss of foot      C) Cannot walk      D) Unemployment
28. Which among the following is not involved in the recovery phase after a disaster in the disaster cycle ?  
A) Mitigation      B) Response      C) Rehabilitation      D) Reconstruction
29. The internationally accepted four colour code system in triaging includes  
A) Red, Orange, Green, Blue  
B) Red, Yellow, Blue, White  
C) Red, Orange, Blue, Black  
D) Red, Yellow, Green, Black
30. Write the formula using DALY, YLL, YLD used in the measurement of disease burden.  
A)  $YLL = DALY + YLD$       B)  $DALY = YLL - YLD$   
C)  $DALY = YLL + YLD$       D)  $DALY = YLD - YLL$
31. The covid-19 vaccine manufactured by M/S. Serum Institute of India is  
A) Covaxin      B) Covishield  
C) Sputnik V      D) Pfizer-Bio N Tech
32. Of the 4 serotypes of Dengue viruses which all are widespread in India now  
A) DENV – 1 and DENV – 2      B) DENV – 2 and DENV – 3  
C) DENV – 3 and DENV – 4      D) DENV – 1 and DENV – 4

**A**

33. Incubation period of Falciparum Malaria is  
A) 8 to 17 days  
B) 18 to 40 days  
C) 9 to 14 days  
D) 16 to 18 days
34. The vector of Japanese Encephalitis is  
A) Aedes mosquitoes  
B) Anopheles mosquitoes  
C) Culicine mosquitoes  
D) Ticks
35. The software developed by Central TB division in collaboration with National Informatics Centre for TB Surveillance using case based web based IT system is  
A) CBNAAT  
B) DOTS  
C) Culture and DST labs  
D) NIKSHAY
36. Complications of Measles infection include all the following except  
A) Otitis media  
B) Diarrhea  
C) Pneumonia  
D) Endocarditis
37. The programme launched by the Ministry of Health and Family Welfare depicting seven colours of the rainbow to fully vaccinate children is  
A) Expanded Programme of Immunization  
B) VVM  
C) Mission Indradhanush  
D) Universal Child Immunisation
38. National Health Policy goal is to increase life expectancy at birth from \_\_\_\_\_ by 2025.  
A) 65 to 70  
B) 64 to 75  
C) 65 to 72  
D) 67.5 to 70
39. Adult hookworm live in human  
A) Large intestine  
B) Small intestine  
C) Stomach  
D) Liver
40. In States with coverage of Measles vaccination more than 80%, second dose of Measles vaccine will be given through routine immunisation at \_\_\_\_\_ age.  
A) 16 to 24 months  
B) 10 to 18 months  
C) 2 to 3 years  
D) 1 to 2 years

41. The father of Public Health
- A) Cholera
  - B) Plague
  - C) Lewis Pasteur
  - D) Hippocrates
42. The three tier system of Public Health care delivery in rural areas was based on the recommendations of the
- A) Bohr Committee – 1980
  - B) Shrivastav Committee – 1975
  - C) Mudaliar Committee – 1962
  - D) Mukerji Committee – 1965
43. Of the following registers which is not the common register for JHI and JPHN ?
- A) Community education register
  - B) General information register
  - C) Family Health survey and follow up register with an index
  - D) Individual registers for National Health Programmes, National anti-malarial programmes etc.
44. A JHI should be available as \_\_\_\_\_ hours on call duty during medical or public health emergency or if requested by higher authority.
- A) 24 hours
  - B) 8 hours
  - C) 12 hours
  - D) 6 hours
45. An eligible couple refers to the currently married couple wherein the wife is in the reproductive age group which generally assumed to lie between the ages of
- A) 18 – 42
  - B) 21 – 45
  - C) 18 – 45
  - D) 15 – 45
46. The ideal IUD candidate as a woman is except
- A) Who has borne at least one child
  - B) Who has completed her family
  - C) Has no history of pelvic disease
  - D) Is willing to check the IUD tail
47. The concept of population education includes educating people about all except
- A) Consequences of uncontrolled population growth
  - B) Benefits of small family norm
  - C) The statistics of population growth
  - D) Hospital administration

48. The time limit for registering the event of birth and that of death is \_\_\_\_\_ days uniformly all over India.
- A) 7                                      B) 21                                      C) 14                                      D) 28
49. The dual record system consisting of continuous enumeration of births and deaths by an enumerator and an independent survey every six months by an investigator-supervisor
- A) Hospital records                                      B) Census  
C) Sample registration system                                      D) Population surveys
50. One ASHA is for \_\_\_\_\_ population.
- A) 3000                                      B) 1500                                      C) 1000                                      D) 2000
51. The great sanitary awakening of 19<sup>th</sup> century took place in
- A) India                                      B) England                                      C) United States                                      D) Japan
52. The World Health Day theme of 2023 is
- A) Health for all                                      B) Our planet our health  
C) Mental health                                      D) Healthy ageing
53. Swachh Bharat Mission launched in 2<sup>nd</sup> October 2014 aimed at
- A) Providing safe drinking water in urban slums  
B) Reducing use of plastic in the country  
C) Solid waste management of cities  
D) Eliminating open defecation in rural areas
54. Solid waste includes all the following except
- A) Food waste                                      B) Demolition products  
C) Dead animals                                      D) Night soil
55. Which of the following can be used for biological control of mosquito larva ?
- A) Gambusia affinis                                      B) Temephos  
C) Fenthion                                      D) Pyrethrum
56. Vaccine which was made mandatory for food handlers in Kerala from 1<sup>st</sup> April 2023 is
- A) Cholera vaccine                                      B) Typhoid vaccine  
C) Rota virus vaccine                                      D) H1N1 vaccine



65. Which of the following are barriers of communication ?
- A) Difficulties in hearing and expression
  - B) Noise and invisibility
  - C) Customs and beliefs
  - D) All of the above
66. All the following are group approaches for health communication except
- A) Lecture
  - B) Health exhibitions
  - C) Demonstration
  - D) Group discussion
67. All the following are true about “role playing” except
- A) Is an educational device dramatizing a problem
  - B) Audience is actively concerned with the drama
  - C) The size of the group is best at 100
  - D) Useful to discuss problems of human relationship
68. Anti-narcotics campaign launched by the Government of Kerala is called
- A) Kerala Can
  - B) Vimukthi
  - C) Jyothis
  - D) Ushas
69. “Aswamedham” case detection campaign of Kerala targeted which disease ?
- A) Leprosy
  - B) Tuberculosis
  - C) COVID
  - D) Diabetes
70. Which of the following statement is true about the “Eat-Right Kerala Android APP” launched in June 2023 ?
- A) App for monitoring non-communicable diseases in a sub centre area
  - B) Gives information on food plate, food pyramid and helps in calorie counting
  - C) Provides a list of bakeries and restaurants that adhere to food safety standards
  - D) App for weight management, glycaemic control and selfcare in Diabetes
71. Consider that you got enrolled in a team that has to help the government to aid the community during the outbreak of an epidemic. In the absence of a higher authority on ground to make vital decisions, which principle would you apply first from the following for a smooth flow of work ?
- A) Principle of efficiency
  - B) Principle of delegation
  - C) Substitution of resources
  - D) A), B) and C)



78. What is the maximum amount of Glucono Delta-Lactone, an acidulant, that can be present in meat food products according to Meat Food Products Order (MFPO), 1973 ?
- A) 4000 parts per million                      B) 3000 parts per million  
C) 5000 parts per million                      D) 6000 parts per million
79. 'Subhiksha Keralam Scheme' mainly focuses on
- A) Health security                                  B) Food security  
C) Dairy production security                      D) Farmland security
80. Name the mission under Nava Kerala Mission that primarily focuses on PHC to FHC transformation as a phased series of infrastructural and administrative changes.
- A) Life  
B) Haritha Keralam  
C) Comprehensive Educational Rejuvenation Programme  
D) None of the above
81. Medical sociology as a specialized field was first proposed by
- A) Carl Jung                                          B) Binet  
C) Charles Mc Intire                                  D) Simon
82. A social group determined by geographic boundaries and/or common values and interests is called
- A) Society                      B) Community                      C) Gang                      D) Mob
83. Which is not a type of learning ?
- A) Cognitive                      B) Psychomotor                      C) Projection                      D) Affective
84. When fear becomes irrational or exaggerated it is called
- A) Dementia                      B) Illusion                      C) Phobia                      D) Delusion
85. As per National Mental Health programme launched in 1982 Primary Health Centre should have facilities for all except
- A) Elementary diagnosis  
B) Psychiatrist with 30 psychiatry beds  
C) Counseling in problem related to alcohol and drug abuse  
D) Management of uncomplicated psychosocial problems

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86. Contact between two people with different types of culture is called  
A) Organisation      B) Relation      C) Acculturation      D) Habit
87. Kuppu Swamy socioeconomic status scale includes  
i. Education  
ii. Family income  
iii. Residential address  
iv. Occupation  
A) Only i and ii      B) i, ii and iv  
C) Only ii and iii      D) All of the above
88. Psychosocial illness attributed to disturbed emotional states include all except  
A) Bronchial Asthma      B) Peptic Ulcer  
C) Essential Hypertension      D) Leptospirosis
89. Personality is a key word in psychology for which all are correct except  
A) Includes physical and mental traits  
B) Has four components ie., physical, emotional, intelligence and behaviour  
C) Basic personality traits are established by 12 years  
D) Two types of personality extrovert and introvert
90. When mental age is the same as chronological age the intelligence quotient is  
A) 1      B) 50      C) 10      D) 100
91. As per World Health Organization (WHO) classification, the normal range of Body Mass Index in an adult is  
A) 18.50 – 24.99 kg/m<sup>2</sup>      B) 18.50 – 25.50 kg/m<sup>2</sup>  
C) 18.99 – 25.99 kg/m<sup>2</sup>      D) 19.50 – 25.00 kg/m<sup>2</sup>
92. The type of cancer which arises from mesodermal cells constituting the various connective tissues is known as  
A) Leukemia      B) Sarcoma      C) Lymphoma      D) Myeloma
93. The reduction of salt intake to an average of not more than 5 gm per day is an intervention in the prevention of hypertension. This intervention comes under  
A) Primordial prevention      B) Primary prevention  
C) Secondary prevention      D) Tertiary prevention

**A**

94. Under the Vitamin A prophylaxis programme, Vitamin A is given orally between the age of 1-6 years at
- A) 3 monthly intervals                      B) 6 monthly intervals  
C) 9 monthly intervals                      D) 12 monthly intervals
95. The colour of the container used for collecting chemical waste is
- A) Red                                              B) White  
C) Yellow                                         D) Blue
96. The following are the characteristics of waste suitable for incineration, except
- A) Moisture content below 30 percent  
B) Content of combustible matter above 60 percent  
C) Content of non-combustible solids below 5 percent  
D) Content of non-combustible fines above 20 percent
97. The most suitable method for treating liquid waste such as blood, urine, stools and hospital sewage is
- A) Incineration                                 B) Thermal method  
C) Chemical disinfection                     D) Inertization
98. The study of the physical and psychological changes which are incident to the old age is
- A) Gerontology                                 B) Acarology  
C) Geomorphology                             D) Paidonosology
99. Indira Gandhi Old Age Pension Scheme provides monthly pensions to people over
- A) 60 Years                                       B) 65 Years  
C) 70 Years                                       D) 75 Years
100. The care does not emphasize cure but rather provides relief of suffering by managing symptoms and maximizing quality of life is
- A) Palliative care                               B) Respite care  
C) Convalescence care                       D) Dementia care

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Space for Rough Work

