

153/2025

Question Booklet
Alpha Code

A

Question Booklet
Serial Number

Total No. of questions : 100

Time : 1 Hour 30 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. 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.

153/2025

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. All of the following arteries are branches of Right coronary artery in majority of people except :
(A) SA nodal artery (B) AV nodal artery
(C) Anterior Interventricular artery (D) Posterior Interventricular artery
2. All the following lung volumes can be measured by a spirometer except :
(A) Tidal volume (B) Inspiratory Reserve volume
(C) Expiratory Reserve volume (D) Residual volume
3. Length of male urethra :
(A) 10-12 cm (B) 14-16 cm
(C) 18-20 cm (D) 23-25 cm
4. Which of the following hormones is not secreted by adenohypophysis?
(A) Growth hormone (B) Oxytocin
(C) Prolactin (D) Thyroid-Stimulating hormone
5. All of the following cells are found in testis except :
(A) Sertoli cells (B) Interstitial cells of Leydig
(C) Spermatogonia (D) Kupffer cells
6. The following statements are true except :
(A) Broca's motor speech area lies in temporal lobe
(B) Primary visual area lies in the occipital lobe
(C) Primary sensory area lies in the parietal lobe
(D) Primary motor area lies in the frontal lobe
7. An example of capsulated bacteria :
(A) E.coli (B) Streptococcus pneumoniae
(C) Staphylococcus aureus (D) Enterococcus
8. The scientist who first observed the importance of hand washing is :
(A) Louis Pasteur (B) Alexander Fleming
(C) Ignaz Semmelweis (D) Paul Ehrlich
9. Which one of the following is a mechanism of gene transfer in bacteria?
(A) Transcription (B) Transformation
(C) Translation (D) Transfection

10. The following statements are TRUE regarding collection of sample for blood culture in adults :
- (i) Two sets of sample has to be collected from two different sites.
 - (ii) 8-10 ml blood has to be collected for inoculation in each bottle.
 - (iii) The blood culture bottle has to be refrigerated if there is any delay in transport to the lab.
 - (iv) Chlorhexidine and 70% alcohol can be used as antiseptic before collection of blood.
- (A) (i) and (ii) only (B) (i), (ii) and (iii)
(C) (i), (ii) and (iv) (D) (iii) and (iv) only
11. Which among the following is behavioural Changes Learning?
- (A) Chain Learning (B) Skill Learning
(C) Affective Learning (D) Cognitive Learning
12. Identify the components of habit loop :
- (A) Cue, repetition, rehearsal (B) Cue, routine, reward
(C) Curiosity, formation, reward (D) Curiosity, routine, reward
13. Systematic desensitization is based on :
- (A) Operant conditioning (B) Reinforcement
(C) Insight theory of learning (D) Classical conditioning
14. The ability to see the relationship between things and logical thinking comes under which of the following heading :
- (A) Fluid intelligence (B) Crystallized intelligence
(C) Practical intelligence (D) Analytical intelligence
15. Identify the type of motive in threat of punishment :
- (A) Intrinsic (B) Personal
(C) Unconscious (D) Extrinsic
16. Components of attitude consists of :
- (A) Affective, Behavioural, Conative
(B) Affiliative, Behavioural, Cognitive
(C) Affiliative, Adaptive, Expressive
(D) Affective, Behavioural, Cognitive
17. Consider the following statements about primary agent of socialization and choose the correct answer :
- (i) Religion is a primary agent of socialization.
 - (ii) Family is a primary agent of socialization.
 - (iii) School is a primary agent of socialization.
- (A) Only (iii) (B) Only (i) and (ii)
(C) Only (ii) (D) All of the Above (i), (ii) and (iii)

18. Study of Sociology in nursing is important, because :
- (A) Sociology is commonsense
 - (B) Sociology is the study of society
 - (C) Sociology is the study of individual behaviour
 - (D) Sociology deals with myths in society
19. What is not part of Kinship system?
- (i) Principle of succession and inheritance.
 - (ii) More social than jural.
 - (iii) Biological means of identifying and ordering social relations.
 - (iv) Rules pertaining to purity and pollution.
- (A) Only (i) and (ii)
 - (B) Only (ii) and (iii)
 - (C) Only (ii) and (iv)
 - (D) Only (iv)
20. Family as a social institution promotes :
- (i) We feeling
 - (ii) Sense of belonging
- Choose the correct answer :
- (A) Both (i) and (ii)
 - (B) Only (i)
 - (C) Only (ii)
 - (D) Neither (i) nor (ii)
21. The word N in definition of Nurse stands for :
- (A) Normality
 - (B) Nobility
 - (C) Neatness
 - (D) None of the above
22. Type of Nosocomial infection resulting from Diagnosis or Therapeutic procedures is referred as :
- (A) Latent infection
 - (B) Focal Infection
 - (C) Iatrogenic infection
 - (D) Primary Infection
23. The abbreviation for _____ is gtt.
- (A) Dram
 - (B) Drops
 - (C) Gram
 - (D) Grain
24. Shortness of breath when in declining position is known as :
- (A) Tachypnea
 - (B) Apnea
 - (C) Orthopnea
 - (D) Bradypnea
25. Level of Consciousness is assessed by using :
- (A) GCS
 - (B) RAS
 - (C) PAS
 - (D) DCS

26. A drug that stimulate or favors the menstrual discharge :
- | | |
|----------------|----------------|
| (A) Mydriatics | (B) Oxytocics |
| (C) Emnagogues | (D) Tocolytics |
27. For giving enema, the height of enema can from the anus should be :
- | | |
|--------------|--------------|
| (A) 30-45 cm | (B) 18-25 cm |
| (C) 25-30 cm | (D) 70-80 cm |
28. Weber test used to asses :
- | | |
|------------|-------------------|
| (A) Smell | (B) Hearing |
| (C) Vision | (D) Mental Status |
29. Third level of communication is :
- | | |
|--------------------------------|----------------------------|
| (A) Intimacy | (B) Participate friends |
| (C) Conventional acquaintances | (D) Exploratory associates |
30. In Triage Yellow colour indicate :
- | | |
|---------------|----------------|
| (A) Emergency | (B) Non Urgent |
| (C) Urgent | (D) Dead |
31. The requirement of sodium chloride for an adult is about :
- | | |
|------------------|-------------------|
| (A) 5 g per day | (B) 7.5 g per day |
| (C) 10 g per day | (D) 12 g per day |
32. The field supervision of Anganwadi workers is done by :
- | |
|--|
| (A) Medical Officer of Primary Health Centre |
| (B) Child Development Project Officer |
| (C) Block Development officer |
| (D) Public health nurse |
33. Studying distribution of disease or health related characteristics in human population and identifying the characteristics with which disease is associated is :
- | | |
|-------------------------------|------------------------------|
| (A) Experimental epidemiology | (B) Analytical epidemiology |
| (C) Ecological epidemiology | (D) Descriptive epidemiology |
34. UNICEF provides all Except :
- | |
|---|
| (A) Child Health |
| (B) Child Nutrition |
| (C) Prevention and control of specific diseases |
| (D) Formal and Nonformal education |
35. The following is a principle of primary health care :
- | | |
|--------------------------------------|----------------------------------|
| (A) Safe water supply and sanitation | (B) Immunization |
| (C) Equitable distribution | (D) Provision of essential drugs |

36. As per IPHS norms the proposed number of female health worker at sub centre is :
 (A) 1 (B) 2
 (C) 3 (D) None
37. School health records contain all Except :
 (A) Identifying data of the student
 (B) Academic performance
 (C) Health History and Physical Examination
 (D) Record of findings and services provided
38. True about Total Fertility rate is :
 (A) Completed family size
 (B) Average number of girls born to a woman
 (C) Average number of boys born to a woman
 (D) Number of live births per 1000 married women in reproductive age group
39. Conventional contraceptives are those which :
 (A) Were discovered before 1960
 (B) Require action before intercourse
 (C) Require action at the time of intercourse
 (D) Require action after intercourse
40. In Advanced Epidemiological Triad agent is replaced by :
 (A) Determinant risk factors (B) Determinant factors
 (C) Causative bacterium / virus (D) Causative factors
41. Which of the following statement regarding inflammation is not correct?
 (A) It is a defensive reaction to neutralize, control or eliminate the offending agent
 (B) It is a mechanism to prepare the site for repair
 (C) It is a nonspecific response to serve a protective function
 (D) It is a specific response to serve a protective function
42. The pigment that accumulate in cell with increasing age is :
 (A) Melanin (B) Lipofuscin
 (C) Keratin (D) Chromatin
43. Chemical substance that increases the sensitivity of pain receptors :
 (A) Prostaglandin (B) Histamine
 (C) Bradykinin (D) Serotonin

44. A patients reported serum albumin level is 2.2 g/dL, the reported serum calcium level is 10.2 mg/dL. The corrected total serum calcium level is :
- (A) 12.4 mg/dL (B) 8.16 mg/dL
(C) 11.6 mg/dL (D) 10.2 mg/dL
45. Proto oncogene located on chromosome 12 :
- (A) K-ras (B) Epidermal Growth Factor
(C) TP53 (D) BRCA1
46. The Aldrete score to be achieved by a postoperative patient before discharge from post - Anaesthesia care unit :
- (A) 0-2 (B) 2-4
(C) 5-7 (D) 8-10
47. In which of the following condition silent unit is seen :
- (A) Pneumonia (B) Pneumothorax
(C) Atelectasis (D) Pulmonary emboli
48. Tzanck smear is used to examine :
- (A) Scabies (B) Leprosy
(C) Pemphigus (D) Fungal infection
49. Which of the following is not a sign of autonomic dysreflexia?
- (A) Profuse sweating (B) Bradycardia
(C) Hypotension (D) Piloerection
50. Droplet precaution is used to prevent the transmission of :
- (A) Meningococcal meningitis (B) Chickenpox
(C) Tuberculosis (D) Clostridium difficile
51. The drug that has to be avoided in the management of patients with Lewy body dementia is :
- (A) Anti Cholinesterases (B) Typical Antipsychotics
(C) Antidepressants (D) Anxiolytics
52. A patient has shown marked memory disturbance after having bilateral ECT. Which of the following will be a better option in his management?
- (A) Unilateral ECT
(B) Bilateral ECT with more duration
(C) Stop treatment for two weeks
(D) Start oral antipsychotics

53. The motor symptom that is specific to delirium is :
 (A) Catalepsy (B) Carphologia
 (C) Waxy flexibility (D) Dystonia
54. According to Freud's theory of psycho sexual development; at which stage a girl child is more attracted to her father?
 (A) Latency stage (B) Anal stage
 (C) Phalic stage (D) Oral stage
55. Which of the following is included under parasomnias?
 (A) Kleine - Levin syndrome (B) Narcolepsy
 (C) Somniloquy (D) Restless legs syndrome
56. A 35 year old housewife came to the outpatient department of psychiatry with history of mild depressive features for the last two years; and had no previous episodes of major problems. Which of the following may be her diagnosis?
 (A) Exogenous depression (B) Major depressive disorder
 (C) Cyclothymia (D) Dysthymia
57. A child is exempted from punishment on performance of acceptable behaviour. This technique is called :
 (A) Positive reinforcement (B) Negative reinforcement
 (C) Modeling (D) None of the above
58. In a patient receiving Lithium, the maximum level of lithium is seen in :
 (A) Saliva (B) Blood
 (C) CSF (D) Thyroid gland
59. The personality disorder that is not included under Cluster-C is :
 (A) Histrionic personality disorder
 (B) Avoidant personality disorder
 (C) Dependent personality disorder
 (D) Obsessive compulsive personality disorder
60. Which of the following is a non-stimulant drug used for the treatment of ADHD?
 (A) Methyl phenidate (B) Atomoxetine
 (C) Oxetol (D) Dexamphetamine
61. The psychosocial development stage of a toddler is :
 (A) Identity Vs Role confusion (B) Autonomy Vs Shame
 (C) Industry Vs Inferiority (D) Initiative Vs Guilt

62. The causative organism of Scalded Skin Syndrome is :
 (A) Staphylococcus aureus (B) Staphylococcus haemolyticus
 (C) Streptococcus pyogenes (D) Streptococcus agalactiae
63. The Article 21 A of Indian constitution provides the right to :
 (A) Free and compulsory education to children from 6-14 years
 (B) Good quality health care and nutrition to all children
 (C) Protection from hazardous employment till 14 years
 (D) Protection from trafficking and violence
64. The dose and route of administration of BCG vaccination for newborn is :
 (A) 0.5 ml orally (B) 1 ml orally
 (C) 0.5 ml subcutaneously (D) 0.1 ml intradermally
65. The dose of Rifampicin to be administered for a child diagnosed with Tuberculous Meningitis having 14 kg weight is :
 (A) 140 mg (B) 210 mg
 (C) 280 mg (D) 320 mg
66. An absent or weak femoral pulses and a high blood pressure in the arms and low to normal blood pressure in the leg is a finding seen in :
 (A) Truncus arteriosus (B) Tricuspid Atresia
 (C) Coarctation of aorta (D) Aortic stenosis
67. According to Weech's formula the expected height of a 10 year old child in centimetres is :
 (A) 127 (B) 137
 (C) 140 (D) 145
68. The reflex that occurs when the side of the infant's spine is stroked while the infant lies on the stomach producing a twitch of hips toward the side of touch is :
 (A) Landau reflex (B) Moro reflex
 (C) Perez reflex (D) Galant reflex
69. Wilm's tumor that has grown outside the kidney into surrounding fatty tissue with a size more than 7 cms without lymph node involvement is in :
 (A) Stage I (B) Stage II
 (C) Stage III (D) Stage IV
70. The neurological disorder, Wernicke-Korsakoff syndrome, characterized by confusion, memory loss, and hallucination occur due to the deficiency of
 (A) Vitamin A (B) Niacin
 (C) Vitamin C (D) Thiamine

71. The cervical secretions are copious and tenacious in pregnancy due to the effect of :
 (A) Estrogen (B) Progesterone
 (C) Relaxin (D) Prostaglandin
72. Snowstorm appearance is a characteristic feature of :
 (A) Molar pregnancy (B) Pre-eclampsia
 (C) Choriocarcinoma (D) Sepsis
73. Rupture of membranes at any time after the onset of labor but before full dilatation of cervix is called :
 (A) Prelabor rupture of membranes
 (B) Premature rupture of membranes
 (C) Early rupture of membranes
 (D) Prolonged rupture of membranes
74. Which of the following statement is/are correct about prevention of postpartum hemorrhage?
 (i) Active management of third stage of labor.
 (ii) Improvement of health status of woman.
 (iii) Examination of placenta.
 (iv) All of the above.
 (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (i) and (iii) (D) All of the above (i), (ii) and (iii)
75. Most important criteria for successful In vitro fertilization includes :
 (i) Sperm density
 (ii) Sperm motility
 (iii) Sperm morphology
 (iv) All of the above
 (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (i) and (iii) (D) All of the above (i), (ii) and (iii)
76. Aggravating factors of subinvolution of uterus includes :
 (i) Grand multiparity
 (ii) Uterine sepsis
 (iii) Retained products of conception
 (iv) All of the above
 (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (i) and (iii) (D) All of the above (i), (ii) and (iii)

77. Which is the most common complication of dermoid cyst?
- (A) Torsion (B) Rupture of cyst
(C) Malignancy (D) Degeneration
78. Nipple soreness is avoided by :
- (i) Frequent short feeding
(ii) Prolonged feeding
(iii) Keeping nipples clean and dry
(iv) All of the above
- (A) Only (i) and (ii) (B) Only (ii) and (iii)
(C) Only (i) and (iii) (D) All of the above (i), (ii) and (iii)
79. Physiological jaundice appears :
- (A) Within 24 hrs of birth (B) On 2nd and 3rd day of birth
(C) By 7th – 10th day of birth (D) Two weeks after birth
80. Which of the following is a consequence of hypothermia in newborn?
- (A) Hypoglycemia (B) Pulmonary hypertension
(C) Apnea (D) Pulmonary hemorrhage
81. Education is originated from the word “Educere” which means :
- (A) To learn (B) To lead out
(C) To orient (D) To remove darkness
82. “Education is the all-round drawing out of the best in man - body, mind and spirit”- is a definition given by :
- (A) Mahatma Gandhi (B) Shankaracharya
(C) Rabindranath Tagore (D) Dr. Zakir Hussain
83. Give an example for projected aids :
- (A) Epidiascope (B) Poster
(C) Flannel board (D) Tape recorder
84. Teaching method by which the student studies firsthand objects and materials in their natural environment is an example :
- (A) Field trip (B) Simulation
(C) Role playing (D) Demonstration

85. Number of members in panel discussion :
- (A) 4-6 members (B) 4-8 members
(C) 5-10 members (D) 6-8 members
86. All are principles of teaching except :
- (A) Motivation (B) Known to unknown
(C) Simple to complex (D) Unity
87. Which among the following is not a clinical teaching method?
- (A) Nursing care plan (B) Bedside clinic
(C) Nursing care conference (D) Brainstorming
88. Systematic presentation of various aspects of a topic by a group of two or more persons with a special knowledge of the subject is :
- (A) Symposium (B) Panel discussion
(C) Role play (D) Demonstration
89. Which of the following is a qualitative research design?
- (A) Descriptive survey (B) Correlational design
(C) Experimental design (D) Ethnographic design
90. Which among the following is not a method of data collection?
- (A) Survey (B) Experiment
(C) Interview (D) Observation
91. Set of ethical principles which are accepted by all members of the profession :
- (A) Code of Ethics (B) Autonomy
(C) Beneficence (D) Justice
92. Which one is not a responsibility of a supervisor?
- (A) Divide work (B) Evaluation
(C) Policy making (D) Training
93. Management is a distinct process consisting of :
- (A) Demanding, bargaining and directing
(B) Planning, organizing, directing and controlling
(C) Accomplishing, decision making and marketing
(D) Global application

94. Bed strength of a district hospital :
- (A) 300 – 400 (B) 400 – 500
(C) 200 – 300 (D) 100 – 200
95. Which among the following leadership style is most effective?
- (A) Laissez faire (B) Autocratic
(C) Democratic (D) Bureaucratic
96. Which of the following is (are) principles of inventory management?
- (A) Determination of quantity to be ordered
(B) Determination of where the order will be rewarded
(C) Both (A) and (B)
(D) None of the above
97. What are the purpose of budget?
- (A) Assist in assessing the financial requirement of an agency
(B) Controlling the work
(C) Maintain discipline
(D) Prepare rules and regulations of an agency
98. Purpose of duty roster is to :
- (A) Ensure adequate patient care
(B) Ensure good communication
(C) Ensure control over the patient
(D) Delegation and direction
99. What is the initial step to be followed in man power planning?
- (A) Training
(B) Co-ordination
(C) Organization
(D) Determining the requirements
100. Which is not one of the staff development program?
- (A) Orientation (B) In-service education
(C) Planning (D) Job related counseling

SPACE FOR ROUGH WORK

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