

018/2018

Question Booklet
Alpha Code

A

Question Booklet
Serial Number

Total Number of Questions : 100

Time : 75 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 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.

018/2018

1. Who made the following statement in the Constituent Assembly during the Assembly Debates ?
“The first task of this Assembly is to free India through a new Constitution, to feed the starving people, and to clothe the naked masses, and to give every Indian the fullest opportunity to develop himself according to his capacity.”
(A) Dr. B.R. Ambedkar (B) Dr. Rajendra Prasad
(C) K.T. Shah (D) Jawaharlal Nehru
2. On _____ Dr. Rajendra Prasad was elected as the permanent Chairman of the Constituent Assembly ?
(A) 9 December 1946 (B) 11 December 1946
(C) 9 June 1947 (D) 20 June 1947
3. Which Article of Indian Constitution abolishes untouchability ?
(A) Article 23 (B) Article 65 (C) Article 17 (D) Article 124
4. The 73rd and 74th Amendments to the Indian Constitution were related with _____.
(A) Creation of Local Government Institutions
(B) Judicial Review
(C) Unprecedented powers to the Parliament
(D) President’s rule in the states
5. Name the programme launched by the Department of Women and Child Development, MHRD in 1988 to boost up women’s health, education and political participation.
(A) National Policy for Empowerment of Women
(B) National Perspective Plan for Women
(C) Swa-Shakti
(D) Swayamsiddha
6. Which British missionary established an English school at Mattancheri with the financial assistance from Cochin Government in the year 1818 ?
(A) Edward Brennen (B) Bailey
(C) J. Dawson (D) Joseph Fenn
7. Which social reformer of Kerala authored a book titled “*Pracheena Malayalam*” ?
(A) Narayana Guru (B) Sahodaran Ayyappan
(C) Kumara Guru (D) Chattambi Swamikal

A

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{P.T.O.}

8. "Awake, remember the Lord Almighty,
Get up at once and fight injustice".
Which social reform organization of 20th century Kerala put forth the above slogan ?
- (A) Yogakshema Sabha (B) Atmavidya Sangham
(C) PRDS (D) Sahodara Prasthanam
9. Who among the following literary figure of 19th century Kerala wrote a drama titled Ebraikutty ?
- (A) Kerala Varma Valiya Koyil Tampuran
(B) M.C. Joseph
(C) George Varghese
(D) Kandathil Varghese Mappila
10. _____ is considered as the "father of political movements in modern Thiruvithamkur".
- (A) K.P. Karuppan (B) G.P. Pillai (C) Dr. Palpu (D) T.K. Madhavan
11. In which year A.V. Kuttimalu Amma was elected to the Madras Legislative Assembly for the first time ?
- (A) 1937 (B) 1940 (C) 1941 (D) 1943
12. Vivekodayam : SNDP Yogam, Unni Nambutiri : _____.
- (A) Yogakshema Sabha (B) Samatwa Samajam
(C) Sahodar Prasthanam (D) PRDS
13. Who among the following women social reformer and activist of 20th century Kerala actively participated in the Paliyam Satyagraha of 1947 ?
- (A) Akkamma Cheriyan (B) Anna Chandi
(C) Kamalambal (D) Arya Pallam

14. Match the following with the help of the CODES given below :

- | | |
|----------------------|----------------------|
| (a) Katora Kutaram | (i) C. Krishnan |
| (b) Deepika | (ii) Vagbhatananda |
| (c) Abhinava Keralam | (iii) Vakkom Maulavi |
| (d) Mithavadi | (iv) Makhti Thangal |

Codes :

- (A) (a-i) (b-ii) (c-iii) (d-iv)
(B) (a-ii) (b-i) (c-iv) (d-iii)
(C) (a-iv) (b-iii) (c-ii) (d-i)
(D) (a-iii) (b-iv) (c-i) (d-ii)

15. Chronologically arrange the following events of Kerala history and select the answer using the CODES given below :

- (1) Ezhava Memorial
(2) Malayalee Memorial
(3) Nivarthana Agitation
(4) Kallumala Samaram

Codes :

- (A) (1) (3) (2) (4)
(B) (4) (2) (3) (1)
(C) (2) (1) (4) (3)
(D) (3) (4) (1) (2)

16. Name the intercontinental ballistic missile successfully launched by North Korea on 4th July 2017 that added a new dimension to the crisis between USA and North Korea :

- (A) Hwasong - 14 (B) Pugkusoong - 2 (C) Taepodong - 1 (D) Kumsong - 3

17. Which poet and lyricist of Kerala has been chosen for the Mahakavi P. Kunhiraman Nair Poetry Award for the year 2017 ?

- (A) B.K. Harinarayanan (B) Kaithapram Damodaran Namboothiri
(C) Rafeeq Ahamed (D) P.M. Harinarayanan

18. Expand LPSC.

- (A) Liquefied Petroleum Supply Chain
(B) Liquefied Petroleum Systems Centre
(C) Liquid Propulsion Service Centre
(D) Liquid Propulsion Systems Centre

19. Libreville is the capital city of _____.

- (A) Madagascar (B) Gabonese Republic
(C) Gambia (D) Republic of Mali

20. Who is the winner of Wimbledon Grand Slam Tennis Tournament (Women's Singles) for the year 2017 ?
(A) Garbine Muguruza (B) Venus Williams
(C) Simona Halep (D) Victoria Azarenka
21. Which compound is known as inorganic benzene ?
(A) borax (B) diborane (C) borazine (D) boric acid
22. The designation of an orbital with $n=4$ and $l=2$ is :
(A) 4d (B) 4s (C) 4p (D) 4f
23. The element with highest electronegativity is :
(A) chlorine (B) bromine (C) iodine (D) fluorine
24. Which of the following is not an antibiotic ?
(A) tetracycline (B) ranitidine (C) ofloxacin (D) penicillin
25. Rosenmund's reduction of an acid chloride gives :
(A) an ester (B) an alcohol (C) an aldehyde (D) a hydrocarbon
26. The energy gap between the valence band and conduction band for a material is above 6 eV. The material is _____.
(A) super conductor (B) an insulator
(C) a dopped semiconductor (D) a conductor
27. Radius of first orbit of hydrogen atom is 0.53 \AA . So the radius of the second orbit will be _____.
(A) 2.12 \AA (B) 4.77 \AA (C) 1.06 \AA (D) 0.27 \AA
28. The work done in moving a charge 'q' on an equipotential surface is _____.
(A) infinity (B) 0 (C) $q/2$ (D) $2q$
29. When light of suitable frequency falls on certain metal surfaces, electrons are emitted from it.
This phenomenon is known as _____.
(A) Meissner effect (B) Zeeman effect
(C) Total internal reflection (D) Photoelectric effect

30. The core of the transformer is laminated to _____.
- (A) Increase the magnetic flux linked with it
(B) Increase the flux leakage
(C) Reduce the power loss due to eddy current
(D) Reduce the hysteresis loss
31. Haemoglobin has maximum affinity for :
- (A) CO (B) CO₂ (C) O₂ (D) NH₃
32. Heart beat is initiated by :
- (A) AV - Node (B) Purkinjee Fibres
(C) SA - Node (D) Bundle of His
33. Neurotransmitter between neuron and muscle cell is :
- (A) Serotonine (B) Acetylcholine (C) Dopamine (D) Endorphin
34. The Rods and Cones of the eye retinal layer are modified :
- (A) Unipolar neurons (B) Multi polar neurons
(C) Bipolar neurons (D) None
35. Malpighian body is constituted by :
- (A) Glomarulus only (B) Glomerulus and efferent-vessel
(C) Glomerulus and afferent vessel (D) Glomerulus and Bowman's capsule
36. Biological product, alpha-1 - antitrypsin is used for the treatment of which of the following diseases :
- (A) Cancer (B) Emphysema
(C) Cystic fibrosis (D) Phenyl Ketone Urea
37. The scientific name of '*Aswgandha*' is :
- (A) *Withania somnifera* (B) *Asparagus racemosus*
(C) *Woodfordia fruticosa* (D) *Adhatoda vasica*
38. The head quarters of Centre for Cellular and Molecular Biology is :
- (A) Pune (B) Hyderabad (C) Delhi (D) Mumbai
39. The technique of Polymerase Chain Reaction was developed by :
- (A) Maxem and Gilbert (B) Sanger
(C) Francis Crick (D) Kary Mullis

40. Which among the following artificial insemination technology is used for the improvement of cattle population ?
 (A) ICSI (B) GIFT (C) MOET (D) ZIFT
41. Which of the following is not a part of portal vein ?
 (A) Splenic vein (B) Hepatic vein (C) Gastric vein (D) Cystic vein
42. A form of self-evaluation that help nurse judge personal performance and make judgment about standards of practice :
 (A) Repression (B) Recollection (C) Regression (D) Reflection
43. The point at which the chlorine demand of water is fully met is called :
 (A) disinfection point (B) break point
 (C) saturation point (D) free point
44. The conflict carried by individuals not for themselves but for an ideal :
 (A) positive conflict (B) direct conflict
 (C) indirect conflict (D) class conflict
45. Mosquito which breed in dirty and polluted water :
 (A) anopheles (B) culex (C) aedes (D) mansonoides
46. National program of nutritional support to primary education is also known as :
 (A) Special nutrition program (B) Mid day meal scheme
 (C) Mid day meal program (D) Balawadi nutrition program
47. Epidemiological triad excludes :
 (A) Host (B) Agent (C) Environment (D) Health
48. Injection of diphtheria antitoxin gives :
 (A) Active immunity (B) Passive immunity
 (C) Natural immunity (D) Cellular immunity
49. The storage temperature of BCG vaccine :
 (A) 2-8°C (B) 8-10°C (C) 10-12°C (D) 6-11°C
50. A strategy for effective communication where the interviewer validate information from the client without changing the meaning of statement :
 (A) Clarifying (B) Summarizing (C) Paraphrasing (D) Focusing

51. Volume of blood pumped by the heart during 1 minute in a normal healthy adult :
 (A) 1000 ml/min (B) 1500 ml/min (C) 2000 ml/min (D) 5000 ml/min
52. Formula used for converting Celsius scale of temperature to Fahrenheit scale :
 (A) $(9/5) \times C + 32$ (B) $(5/9) \times C + 32$ (C) $(9 \times 5/32) - C$ (D) $(5/9) \times C - 32$
53. A physician order, means medication to be given only once at a specified time :
 (A) stat order (B) prn order (C) single order (D) standing order
54. The site preferred for giving I/M injection for adults and anyone over 7 months old :
 (A) Vastus lateralis (B) Deltoid
 (C) Dorso gluteal (D) Ventro gluteal
55. Rising ICP (intra cranial pressure) is accompanied by :
 (A) Tachycardia and Hypotension (B) Bradycardia and Hypotension
 (C) Bradycardia and Hypertension (D) Tachycardia and Hypertension
56. A process of redirecting the energy produced by unacceptable desires or activities so that they become acceptable :
 (A) Reaction formation (B) Projection
 (C) Identification (D) Sublimation
57. The suitable method to handle an overactive aggressive patient is :
 (A) Accepting criticism and verbal attacks without punishment
 (B) Firing the person and applying restraints
 (C) Avoiding the person and neglect him for a while
 (D) Try to cheer up the person and give praise and encouragement
58. Recommended protein requirement of an Indian adult :
 (A) 1g/kg body Wt (B) 0.1g/kg body Wt
 (C) 2g/kg body Wt (D) 1.5g/kg body Wt
59. Malnutrition comprises of following form except :
 (A) Under nutrition (B) Over nutrition
 (C) Imbalance (D) Micro nutrition
60. The ratio for giving external chest compression and breathing in CPR :
 (A) 30 : 2 (B) 15 : 2 (C) 30 : 4 (D) 15 : 4

61. First aid for strong acid and alkali poisoning :
- (A) Gastric lavage
 - (B) Tickling back of pharynx by finger
 - (C) Swallowing concentrated salt solution
 - (D) Do not induce vomiting
62. Approximate weight of the placenta at term :
- (A) $1/4^{\text{th}}$ of baby's wt
 - (B) $1/6^{\text{th}}$ of baby's wt
 - (C) $1/7^{\text{th}}$ of baby's wt
 - (D) $1/3^{\text{rd}}$ of baby's wt
63. The part of fetal circulation which becomes fossa ovalis after birth :
- (A) Umbilical arteries
 - (B) Ductus arteriosus
 - (C) Foramen ovale
 - (D) Umbilical vein
64. Which of the following condition of a pregnant women needs immediate attention ?
- (A) Epigastric pain
 - (B) Pain radiating to back
 - (C) Cramps
 - (D) Heart burn
65. Which among these is a sign/symptom of impending labour ?
- (A) Lightening
 - (B) Quickening
 - (C) Braxton hicks contraction
 - (D) Tightening
66. Drug of choice for the management of eclampsia :
- (A) Diazepam
 - (B) Epsolin
 - (C) Magnesium sulphate
 - (D) Labetalol
67. A nurse in a labour room should do this measure to prevent prolonged labour to a patient :
- (A) be with the patient
 - (B) maintaining partograph
 - (C) giving oxytocin
 - (D) assessing maternal and fetal vital signs
68. Technique used by a midwife in 2nd stage of labour to facilitate delivery over an intact perineum :
- (A) Ironing out
 - (B) Bearing down effort
 - (C) Fundal pressure
 - (D) Episiotomy
69. The measure which is done to manage shoulder dystocia :
- (A) Burns Marshall Manoeuvre
 - (B) Lovset Manoeuvre
 - (C) Mauriceau-Smellie-Viet Manoeuvre
 - (D) Mac Robert's Manoeuvre

70. The most heat sensitive vaccine which should be stored at -20°C :
- (A) DPT vaccine (B) Hepatitis vaccine
(C) Polio vaccine (D) Measles vaccine
71. The calories provided by 100 ml of breast milk to an infant :
- (A) 66 (B) 42 (C) 85 (D) 73
72. Apgar scoring done at which time period has more predictive value of neonatal well being ?
- (A) 1st min (B) 10th min (C) 5th min (D) 15th min
73. Damage of 7th or 8th cervical or thoracic nerve roots leads to :
- (A) Facial palsy (B) Erb's palsy
(C) Klumpke's palsy (D) Bells palsy
74. Kangaroo mother care may be continued for low birth weight babies until :
- (A) Baby has no sign of hypothermia
(B) Baby has regular breathing
(C) Baby gains weight around 2500g
(D) Baby has no signs of infection and takes feeding
75. A child has breath holding spell. What advice will you give the parent to manage the child ?
- (A) Give punishment to the child (B) Protect and pamper the child
(C) Neglect the child during spell (D) Be tolerant, calm and kind
76. Which of the following is used for grading protein energy malnutrition ?
- (A) Ballard's scale (B) Gomez scale (C) Bishop scoring (D) Krammer's rule
77. A patient who takes an antihistamine medication diphenhydramine, what would be the expected side effect of the drug ?
- (A) Nervousness (B) Palpitation (C) Dry mouth (D) Tremors
78. A patient who is taking beta blockers is monitored for shock. Which manifestation of the shock won't present to such patient ?
- (A) Hypotension (B) Tachycardia (C) Oliguria (D) Altered mental status

79. Which of the following statement is correct about malignant tumour ?
 (A) Malignant tumour stop dividing prematurely
 (B) Malignant tumour invade surrounding cells and tissues
 (C) Malignant tumour remains localized
 (D) Malignant tumours have defective cell communication
80. The cost effective way to prevent spreading of microorganism :
 (A) Wearing mask (B) Wearing gloves (C) Hand hygiene (D) Wearing gown
81. Ponderal index of term gestational age normal neonate :
 (A) >2.5 (B) <2.5 (C) <2 (D) 2
82. The immediate action taken by a first aider to rescue a victim of heat stroke :
 (A) Give oral fluids
 (B) Fanning of victim
 (C) Remove victim from hot environment
 (D) Spraying water over the victim
83. Which of the following is not a cause for pernicious anaemia ?
 (A) Bleeding
 (B) Chronic alcoholism
 (C) Long term use of certain antibiotics
 (D) Lack of intrinsic factor
84. Which of the following surgery leads to Dumping syndrome ?
 (A) Appendectomy (B) Gastrectomy
 (C) Cholecystectomy (D) Sigmoidectomy
85. Which of the lab value would the nurse to be evaluated for a patient with pancreatitis ?
 (A) Serum.lipase (B) Serum.CPK (C) Serum.ALP (D) Serum.AST
86. The extrapyramidal side effect of antipsychotic agents are managed with following group of drugs except :
 (A) Dopamine drugs (B) Anticholinergic
 (C) Antihistamines (D) Barbiturates
87. Among the following which one is a delusional disorder ?
 (A) Trance (B) Capuras' syndrome
 (C) Dissociative fugue (D) Ganser's syndrome

88. Which one is a fact about persons with suicidal tendency ?
 (A) Suicide happens without warning
 (B) Once a person is suicidal, he/she is suicidal forever
 (C) Most suicidal person are undecided about dying or living
 (D) Suicidal persons are fully intent on dying
89. Publication of a false statement about an individual made either verbally or in some other form to the third person :
 (A) Battery (B) Displacement
 (C) Depersonalization (D) Defamation
90. Most frequent neurotic disorder in puerperium :
 (A) Postpartum blues (B) Postpartum depression
 (C) Postpartum psychosis (D) Delivery related stress and anxiety
91. Which of the following is used in drug dependence to prevent relapse ?
 (A) Naloxone (B) Naltrexone (C) Neuroleptic (D) Nomifensine
92. The most commonest psychiatric disorder after head injury is :
 (A) Mania (B) Schizophrenia (C) Depression (D) Phobia
93. Which of the following is not an element of management ?
 (A) Reporting (B) Organising (C) Staffing (D) Commanding
94. Ability of an instrument to detect changes or differences when they occur :
 (A) Validity (B) Reliability (C) Objectivity (D) Sensitivity
95. Which among the following is not a fact about EBP (evidence based practice) ?
 (A) Is use of best evidence to make decisions about care and treatment.
 (B) Contribute to expand the knowledge base of profession.
 (C) Includes patient preferences and values.
 (D) Is another term for utilization of research findings.
96. As per the triage system, green colour code refers to :
 (A) Injuries are life threatening but survivable with minimal intervention.
 (B) Injuries are minor and treatment can be delayed for hours to days.
 (C) Injuries are extensive and chances of survival are unlikely even with care.
 (D) Injuries are significant and require medical care but can wait for hours without threat to life.

97. The audit which is conducted between 2 regular audit :
- (A) Interval audit (B) Final audit (C) Interim audit (D) Continuous audit
98. One nurse is assigned the responsibility for the case of each patient from admission to discharge :
- (A) Case method (B) Primary nursing
(C) Functional method (D) Team nursing
99. Informal communication is also known as :
- (A) Diagonal communication (B) Cross wise communication
(C) Grape wine communication (D) Horizontal communication
100. Truth telling about disease and its prognosis to terminally ill patients, such situation which ethical principle is followed by a nurse ?
- (A) Confidentiality (B) Fidelity (C) Justice (D) Veracity

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SPACE FOR ROUGH WORK

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