

021/2018

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.



021/2018

1. Who wrote the biography of Prophet Muhammed for the first time in Malayalam language named "Nabinanayam" ?  
(A) Makthi Thangal  
(B) E.V. Krishna Pillai  
(C) Sayed Muhammed Hamadani Thangal  
(D) Vakkom Moulavi
2. Which social reformer was known as 'The Kerala Spartacus' ?  
(A) Vaikunda Swamikal  
(B) Thycaud Aiya  
(C) Dr. Paplu  
(D) Ayyankali
3. T.D. Ramakrishnan bags the famous Vayalar award for 2017. Which is the award winning novel ?  
(A) Sirajunnisa  
(B) Alpha  
(C) Francis Itty Cora  
(D) Sugandhi Enna Andal Devanayaki
4. Who was known as "Dasarji" ?  
(A) P.S. Mohammed  
(B) Dr. Ayyathan Gopalan  
(C) K. Sukumaran  
(D) Mannath Padmanabhan
5. Who started *Sabari Ashram* at Olavakkode in 1923 ?  
(A) K.P. Kesava Menon  
(B) E.V.R. Naicker  
(C) T.R. Krishnaswamy Iyyer  
(D) Mullasseril Narayanan Nambi
6. Which Christian Missionary was known as 'The Father of Malayalam Script' ?  
(A) Benjamin Bailey  
(B) William Carrey  
(C) Herman Gundert  
(D) Charles Mead
7. Who was the father of Muslim Renaissance Movement in Kerala ?  
(A) Fazal Ali Thangal  
(B) Ali Musaliyar  
(C) Vakkom Abdul Qadir Moulavi  
(D) Hamadani Thangal
8. Who wrote the Malayalam drama, "Ningal Erne Communistakki" ?  
(A) Srikandan Nair  
(B) Omcheri  
(C) N.N. Pillai  
(D) Thoppil Bhasi

A

3

{P.T.O.}

9. Who wrote the Preamble of the Indian Constitution ?  
(A) Dr. B.R. Ambedkar (B) John Mathai  
(C) Jawaharlal Nehru (D) Dr. Rajendra Prasad
10. International Yoga Day is on :  
(A) June 21 (B) July 21 (C) August 21 (D) September 21
11. "Not to argue and win, But to learn and let learn" - the slogan of :  
(A) The Religious Conference at Alwaye  
(B) The Slogan of Saksharatha Mission  
(C) The Maraman Convention  
(D) The First meeting of Travancore Sri Mulam Praja Sabha
12. The Rohingyas were the natives of :  
(A) Sumatra (B) Rakhine (C) Brunei (D) Taunggyi
13. How many High Courts are there in India ?  
(A) 29 (B) 21 (C) 24 (D) 23
14. The Twenty Second Asian Athletic Championship - 2017 was held at :  
(A) Hyderabad (B) Bhopal (C) Punjab (D) Odisha
15. AMAZON - The largest Internet based Retailer in the world was founded by :  
(A) Jack Ma (B) Sergey Bin and Larry Page  
(C) Sachin Bansal and Binny Bensch (D) Jeff Bezos
16. As per the Chinese New Year, every 12 years there is a :  
(A) Wolf Year (B) Rooster Year (C) Cow year (D) Fox year
17. Nathu La is situated at :  
(A) Sikkim (B) Arunachal Pradesh  
(C) Kashmir (D) Nagaland
18. The Article 17 of Indian Constitution refers :  
(A) Freedom (B) Untouchability  
(C) Writ Petition (D) Compulsory Education

19. The Central Government programme for the betterment of Slum Dwellers :
- (A) Pradhan Mantri Mudra Yojana  
 (B) Valmiki Ambedkar Aawas Yojana  
 (C) Pradhan Mantri Matritva Vandana Yojana  
 (D) Deen Dayal Antyodaya Yojana
20. What is the official language of Maldives ?
- (A) Mahal (B) Jesry (C) Dhivehi (D) Urdu
21. 35 year old primigravida came to the antenatal clinic at 16 weeks of gestation. She was instructed to perform Triple test. This test is used for the evaluation of :
- (A) Hydrops fetalis (B) Down's Syndrome  
 (C) Congenital hypothyroidism (D) Phenyl Ketonuria
22. Which of the following is the drug of choice for the management of endometriosis ?
- (A) Estrogen (B) Human menopausal gonadotropin  
 (C) Danazol (D) Duadilan
23. Benign ingrowing of the endometrium into the myometrium is known as :
- (A) Adenomyosis (B) Endometritis (C) Endometriosis (D) Leiomyoma
24. Active management of third stage of labour includes all the following except :
- (A) Early cord clamping  
 (B) Applying suprapubic pressure  
 (C) Prophylactic oxytocics after delivery of anterior shoulder  
 (D) Controlled cord traction
25. A primigravida in 34 weeks of gestation was admitted in the obstetrics ICU with severe preeclampsia. She was on Magnesium Sulphate therapy. The nurse should assess all the following before administering next dose of Magnesium Sulphate except :
- (A) Pupillary response (B) Respiratory rate  
 (C) Urine output (D) Deep Tendon Reflexes
26. Which of the following is **not** a sign of placental separation ?
- (A) Uterus becomes hard and globular  
 (B) The extra vulval portion of the umbilical cord shortens  
 (C) The uterus rises in the abdomen  
 (D) There is a gush of blood from the vagina

27. Couvelaire uterus is a feature of which of the following condition ?  
 (A) Hour glass contraction (B) Uterine inversion  
 (C) Endometriosis (D) Abruptio placenta
28. A primigravida is admitted in the labour room. She is in the active stage of labour. She is getting inhalational analgesia for pain control. Which is the commonly used inhalational analgesia :  
 (A) Halothane (B) Nitric oxide (C) Entonox (D) Bupivacain
29. A primi parturient is in the second stage of labour. Head of the baby is delivered. But there is no progress in labour even after 2 minutes. As a midwife which of the following measure you will adopt to overcome the situation :  
 (A) Perform Zavenelli Maneuver  
 (B) Administer IV oxytocin to increase strength of contraction  
 (C) Wait for 10 minutes for spontaneous delivery  
 (D) Perform Mc Robert's Maneuver
30. Use of Ventouse in the second stage of labour is contraindicated in :  
 (A) Persistent occipito posterior (B) Failure of secondary powers  
 (C) Preterm delivery (D) Pre eclampsia
31. A nurse is monitoring the fetal heart rate of a women in 38 weeks of gestation using a CTG. For interpretation of the FHR she should know the baseline FHR which is between :  
 (A) 100 - 200 bpm (B) 110 - 150 bpm  
 (C) 120 - 180 bpm (D) 100 - 120 bpm
32. Which of the following is **not** a component of the Bishop's score ?  
 (A) Station of the head (B) Consistency of the cervix  
 (C) Position of the head (D) Cervical dilatation
33. A women in the fourth stage of labour developed severe Postpartum Haemorrhage. Which of the following is a complication of severe PPH ?  
 (A) Kartagener's Syndrome (B) Asherman's Syndrome  
 (C) Chorio Carcinoma (D) Sheehan's Syndrome

34. A primigravida presents to the labour room at 34 weeks of gestation with acute abdominal pain for 2 hours, vaginal bleeding and decreased fetal movements. She should be managed by :
- (A) Immediate induction of labour by oxytocics
  - (B) Immediate caesarean section
  - (C) Magnesium sulphate therapy
  - (D) Watchful expectancy
35. During the infertility work up of a male partner, semen analysis shows most of the sperms are in abnormal form. What is the medical term used to denote abnormal form of sperms ?
- (A) Terato Zoospermia
  - (B) Asthenospermia
  - (C) Azoospermia
  - (D) Aspermia
36. Blood volume in a neonate is :
- (A) 85 ml/kg bodyweight
  - (B) 75 ml/kg bodyweight
  - (C) 65 ml/kg bodyweight
  - (D) 95 ml/kg bodyweight
37. In chest X-ray boot shaped appearance of heart is seen in :
- (A) Atrial septal defect
  - (B) Ventricular septal defect
  - (C) Tetralogy of Fallot
  - (D) Patent ductus arteriosus
38. Milk secretion reflex in breastfeeding occurs due to release of :
- (A) Oxytocin
  - (B) Prolactin
  - (C) Estrogen
  - (D) Vasopressin
39. Temperature to be maintained for storage and transport of vaccine is :
- (A) 0 degree Celsius
  - (B) 2 - 8 degree Celsius
  - (C) - 20 degree Celsius
  - (D) 20 degree Celsius
40. Pink colour in Colour code classification of IMNCI guideline indicates :
- (A) Hospital referral
  - (B) Initiation of treatment
  - (C) Home treatment
  - (D) None of the above
41. The antidote used in paracetamol toxicity is :
- (A) Isoproterenol
  - (B) Desferroxamine
  - (C) Atropine
  - (D) N-acetylcysteine

42. Dyslexia means :  
 (A) Difficulty in reading (B) Difficulty in writing  
 (C) Difficulty in mathematics (D) Difficulty in reasoning
43. In klinefelters syndrome chromosomal abnormality is represented as :  
 (A) XO (B) XXY (C) XYY (D) XXX
44. Duhamel surgery is done in correcting :  
 (A) Cleft palate (B) Cleft lip  
 (C) Pyloric stenosis (D) Hirsprungs disease
45. In thalassaemia mode of genetic transmission is :  
 (A) x linked recessive (B) Autosomal recessive  
 (C) Autosomal dominant (D) x linked dominant
46. Type of play in toddler is :  
 (A) Parallel play (B) Solitary play  
 (C) Cooperative play (D) Imaginative play
47. The process of elimination of defective gene by medical engineering is known as :  
 (A) Euthenics (B) Dysgenics  
 (C) Eugenics (D) Euphenics
48. The upper segment to lower segment ratio in a baby at birth is :  
 (A) 1 (B) 1.4 (C) 1.7 (D) 1.5
49. Baby friendly hospital initiative was launched by WHO in the year :  
 (A) 1992 (B) 1991 (C) 1993 (D) 1994
50. Olive shaped mass on palpation felt in epigastrium is a finding in :  
 (A) Hirsprung disease (B) Rectal atresia  
 (C) Intussusception (D) Pyloric stenosis
51. The most common opportunistic infection associated with AIDS :  
 (A) Pneumocystic pneumonia (B) Tuberculosis  
 (C) Oral candidiasis (D) Cryptococcus neoformans



52. An early sign of acute respiratory failure :
- (A) Cyanosis (B) Restlessness  
(C) Paradoxical chest movement (D) Arrhythmia
53. The ideal 'door to needle' time for administration of fibrinolytic therapy in patients with acute ischemic stroke is :
- (A) 45 minutes (B) 60 minutes (C) 90 minutes (D) 3 hours
54. The haemodynamic changes after successful initiation of an intra aortic balloon pump in a patient with cardiogenic shock include :
- (A) Decreased systemic vascular resistance and decreased stroke volume  
(B) Increased diastolic BP and decreased systolic BP  
(C) Decreased PAWP and increased cardiac output  
(D) Decreased CVP and increased right atrial pressure
55. Which of the following is **not** involved in VAP care bundle ?
- (A) Oral care (B) Subglottic suction  
(C) DVT prophylaxis (D) Humidification
56. The primary acid-base imbalance seen in Acute Kidney Injury is :
- (A) Metabolic Acidosis (B) Respiratory Acidosis  
(C) Metabolic Alkalosis (D) Respiratory Alkalosis
57. The most common electrolyte abnormality seen in patients with pancreatitis is :
- (A) Hypokalemia (B) Hypocalcemia  
(C) Hyperkalemia (D) Hypercalcemia
58. Paralytic ileus occurs in patients with burns involving total body surface area greater than :
- (A) 20% (B) 30% (C) 40% (D) 45%
59. Which of the following disease does **not** require airborne precaution ?
- (A) Chickenpox (B) H<sub>1</sub>N<sub>1</sub> (C) Tuberculosis (D) Measles
60. Radioactive isotope used in the treatment of metastatic bone lesion is :
- (A) Iodine 131 (B) Phosphorous 32  
(C) Yttrium 90 (D) Samarium 153

61. Which of the following rhythm is considered as lethal dysrhythmia ?  
(A) Idioventricular rhythm (B) Junctional escape rhythm  
(C) Premature atrial contraction (D) Multifocal atrial tachycardia
62. Humidification of oxygen is recommended when oxygen flow is greater than :  
(A) 4 L/minute (B) 5 L/minute (C) 6 L/minute (D) 7 L/minute
63. An antidysrhythmic drug that possesses some characteristic of all groups of antidysrhythmic drugs :  
(A) Lidocaine (B) Amiodarone (C) Adenosine (D) Procainamide
64. The mean arterial pressure to be maintained to maintain the perfusion of the spinal cord after spinal cord injury :  
(A) 75 - 80 mm Hg (B) 85 - 90 mm Hg  
(C) 90 - 95 mm Hg (D) 95 - 100 mm Hg
65. Which of the following is **not** a contraindication for nasotracheal intubation ?  
(A) Mandibular fracture (B) Frontal sinus fracture  
(C) Basilar skull fracture (D) Cribriform plate fracture
66. When was the first national health policy formulated ?  
(A) 1980 (B) 1983 (C) 1987 (D) 2002
67. World immunization week is observed every year during :  
(A) Last week of April (B) Last week of June  
(C) Last week of August (D) Last week of December
68. Name of mission launched by Ministry of Health and Family Welfare with the aim of expanding immunization coverage in 2014 :  
(A) Mission Rainbow (B) Mission Bagiratha  
(C) Mission Prahar (D) Mission Indradhanush
69. What numerator is used in computing general fertility rate ?  
(A) Estimated midyear population (B) Number of pregnancies in the year  
(C) Number of registered live births (D) Number of females of reproductive age

70. Unused BCG should be discarded how many hours after reconstitution ?  
 (A) 2 hours (B) 6 hours  
 (C) 4 hours (D) At the end of the day
71. Which of the following clients should be classified as a case of multibacillary leprosy ?  
 (A) 5 skin lesions, positive slit skin smear  
 (B) 3 skin lesions, positive slit skin smear  
 (C) 5 skin lesions, negative slit skin smear  
 (D) 3 skin lesions, negative slit skin smear
72. Which biological used in EPI should not be stored in the freezer ?  
 (A) OPV (B) DPT  
 (C) Measles vaccine (D) MMR
73. To prevent xerophthalmia, young children are given Retinol capsule every 6 months. What is the dose given to preschoolers ?  
 (A) 10,000 IU (B) 20,000 IU (C) 200,000 IU (D) 100,000 IU
74. Among children aged 2 months to 3 years, the most prevalent form of *meningitis* is caused by which microorganism ?  
 (A) Neisseria meningitides (B) Morbillivirus  
 (C) Streptococcus Pneumoniae (D) Hemophilus Influenzae
75. To improve compliance to treatment, what innovation is being implemented in DOTS ?  
 (A) Having the health worker follow up the client at home  
 (B) Having the patient come to the health center every month to get his medications  
 (C) Having the health worker or a responsible family member monitor drug intake  
 (D) Having a target list to check on whether the patient has collected his monthly supply of drugs
76. Which demographic tool may be used to describe the sex composition of the population ?  
 (A) Sex ratio (B) Sex proportion  
 (C) Population pyramid (D) Any of these may be used
77. Isolation of a child with measles belongs to what level of prevention ?  
 (A) Tertiary (B) Primary (C) Secondary (D) Intermediate

78. When patients cannot make decisions for themselves, the nurse advocate relies on the ethical principle of ?
- (A) Justice and beneficence (B) Fidelity and nonmaleficence  
(C) Fidelity and justice (D) Beneficence and nonmaleficence
79. Which of the following is the most important treatment of patients with Dengue H-fever ?
- (A) Replacement of body fluids (B) Give aspirin for fever  
(C) Avoid unnecessary movement (D) Ice cap over abdomen in case of melena
80. Which of the following is an epidemiologic function of the nurse during an epidemic ?
- (A) Conducting assessment of suspected cases to detect the communicable diseases  
(B) Monitoring the condition of the cases affected by the communicable disease  
(C) Teaching the community on preventive measures against the disease  
(D) Participating in the investigation to determine the source of epidemic
81. Which theorist help a manager to understand that employees engage in behaviours that bring about desired outcomes to them ?
- (A) Abraham Maslow (B) Clayton Alderfer  
(C) Frederick Herzberg (D) Victor Vroom
82. Which type of evaluation is most suited for qualitative assessment ?
- (A) Criterion referenced evaluation  
(B) Norm referenced evaluation  
(C) Formative evaluation  
(D) Summative evaluation
83. "Vital few, trivial many" is explained in \_\_\_\_\_.
- (A) Theory Z (B) Pareto Principle  
(C) Time motion studies (D) Commitment principle
84. Most empowering leadership style is \_\_\_\_\_.
- (A) Autocratic (B) Democratic  
(C) Transformational (D) Transactional
85. Which among the following is **not** an advantage of lecture method ?
- (A) Time saving (B) Enables clarification of doubts  
(C) Encourages passive learners (D) Allows addition of newest information

86. Who developed kindergarten system of education ?  
 (A) Friedrich Froebel (B) Maria Montessori  
 (C) Rabindranath Tagore (D) Johann Heinrich Pestalozzi
87. In paired comparison technique of ranking, number of comparisons involved is \_\_\_\_\_ where 'N' stands for the number of men to be rated.  
 (A)  $\frac{(N - 2)(N - 1)}{3}$  (B)  $\frac{N^2 - 1}{N}$   
 (C)  $\frac{N^2 - 1}{2}$  (D)  $\frac{N(N - 1)}{2}$
88. Specific instructional activities and procedures that a teacher may use in his/her classroom is \_\_\_\_\_.  
 (A) Audiovisual aids (B) Information giving  
 (C) Teaching skills (D) Behavioural modifications
89. Fidelity actually means :  
 (A) Keeping one's promises (B) Telling truth always  
 (C) Doing no harm to the patient (D) There is negligence
90. \_\_\_\_\_ is the best indicator of student interaction.  
 (A) Participation in co-curricular activities  
 (B) Sociogram  
 (C) Helping mentality  
 (D) Attention seeking behaviour
91. Cognitive restructuring technique including all of the following except \_\_\_\_\_.  
 (A) Positive self-talk (B) Reframing  
 (C) Relaxation (D) Decatastro Phizing
92. In EEG Alpha waves are prominent over \_\_\_\_\_.  
 (A) Frontal region (B) Occipital region  
 (C) Parietal region (D) Temporal region
93. Pareidolia is a kind of \_\_\_\_\_.  
 (A) Illusion (B) Hallucination (C) Delusion (D) Derealisation

94. Emotions which is commonly seen in a passive aggressive personality disorder :  
(A) Depression (B) Guilt (C) Anger (D) Fear
95. Floccillation is characteristically seen in \_\_\_\_\_.  
(A) Dementia (B) Dissociation (C) Depression (D) Delirium
96. Which of the following drug is used to treat enuresis ?  
(A) Imipramine (B) Methylphenidate  
(C) Olanzapine (D) Risperidone
97. Narcotic Drugs and Psychotropic Substance Act (NDPSA) passed in the year of \_\_\_\_\_.  
(A) 1978 (B) 1985 (C) 1980 (D) 1989
98. Capgra's syndrome is most commonly seen in \_\_\_\_\_.  
(A) Catatonic Schizophrenia (B) Hebephrenic Schizophrenia  
(C) Simple Schizophrenia (D) Paranoid Schizophrenia
99. Fear of cat is \_\_\_\_\_.  
(A) Ailurophobia (B) Apiphobia  
(C) Arachnophobia (D) Astraphobia
100. Tuberos sclerosis found with greater frequency in \_\_\_\_\_.  
(A) Mental Retardation (B) Autism  
(C) Tic disorder (D) Attention Deficit and Hyperactivity Disorder

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**SPACE FOR ROUGH WORK**

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