

38/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The first temple consecrated by Sree Narayana Guru was at  
(A) Aruvippuram (B) Varkkala  
(C) Chempazhanthi (D) Sivagiri
2. The book not related to Vagbhatananda :  
(A) Atma Vidya (B) Iswara Vicharam  
(C) Moksha Pradeepam (D) Manasa Chapalyam
3. Ashtamudi Kayal is flowing through :  
(A) Pathanamthitta (B) Kasargodu  
(C) Thiruvananthapuram (D) Kollam
4. Sadujana Paripalana Sangam was founded by :  
(A) Dr. Palpu (B) Ayyankali  
(C) Ambedkar (D) Phule
5. The name of Pre Monsoon Summer Rains of Kerala :  
(A) Tornado (B) Mango Shower  
(C) Norwesters (D) The Loo
6. Black soil is found in :  
(A) Kottarakkara (B) Kappadu  
(C) Paravur (D) Chittur
7. Who was known as Kerala Lincoln?  
(A) K. Kelappan (B) K.P. Kesava Menon  
(C) Pandit K.P. Karuppan (D) N. Krishna Pillai

8. Headquarters of Kerala Forest Development Corporation is at :  
(A) Thiruvananthapuram (B) Kottayam  
(C) Wayanadu (D) Pathanamthitta
9. The only poet in Malayalam who became Mahakavi without writing a Mahakavyam :  
(A) Vallathol (B) Changampuzha  
(C) Kumaranasan (D) Cherussery
10. The Founder and Publisher of the newspaper Swadeshabhimani :  
(A) Ramakrishna Pillai (B) Vakkom Moulavi  
(C) Abdul Rahman Saheb (D) Balakrishna Pillai
11. Who is known as Father of Local Self Government?  
(A) Lord Cornwallis (B) Mountbatten  
(C) Lord Rippon (D) Lord Litton
12. Which is known as Science City of India?  
(A) Delhi (B) Mumbai  
(C) Hyderabad (D) Kolkatta
13. First women receive Bharat Ratna :  
(A) Indira Gandhi (B) Sarojini Naidu  
(C) Aruna Asafali (D) Latha Mangeshkar
14. World Population Day celebrated on :  
(A) June 11 (B) July 11  
(C) Sept. 21 (D) Jan. 21
15. "Planned Economy of India" was written by :  
(A) Dr. Homi J. Bhaba (B) R.C. Dutt  
(C) Dadabhai Naoroji (D) M. Visveswarayya
16. How many gold medals did Kerala won in National School Athletics meet in Ranchi?  
(A) 40 (B) 35  
(C) 28 (D) 38



17. Which Bollywood Actress has honored in the House of Commons, London?  
(A) Kareena Kapoor (B) Kajol  
(C) Karishma Kapoor (D) Maneesha Koyrala
18. In which state is the Election commission planning to use Voter Verifiable Paper Audit Trial (VVPAT) system for the first time in the country?  
(A) Bihar (B) Nagaland  
(C) Kerala (D) Karnataka
19. Nouri-Al-Maliki Prime Minister of ————— recently visited India.  
(A) Iran (B) China  
(C) Iraq (D) Korea
20. Last Test Match in Sachin Tendulkar's career was held at :  
(A) Calcutta (B) Kochi  
(C) Mumbai (D) Delhi
21. The waves used in telecommunication is :  
(A) infra red (B) ultra violet  
(C) microwaves (D) cosmic rays
22. Photo electric effect can be explained on the basis of :  
(A) Quantum theory (B) Corpuscular theory  
(C) Wave theory (D) Electromagnetic theory
23. After two hours  $\frac{1}{16}$ th of the radio active isotope remains undecayed. Half life of the isotope is :  
(A) 12 minutes (B) 45 minutes  
(C) One hour (D) 30 minutes
24. Light year is the unit of :  
(A) Time (B) Distance  
(C) Speed (D) Mass

25. A good insulator of heat is :  
(A) copper (B) mercury  
(C) trapped air (D) iron
26. The linear product obtained by the condensation polymerization of phenol and formaldehyde is :  
(A) Nylon 6, 6 (B) Bakelite  
(C) Novolac (D) Melamine
27. The Micelles (associated colloids) are formed only above a particular temperature called :  
(A) Curie temperature (B) Kraft temperature  
(C) Boyle temperature (D) Critical temperature
28. The method used for refining semiconductors known as :  
(A) Van Arkel method (B) Mond process  
(C) Electrolytic refining (D) Zone refining
29. Which of the following is known as 'syngas'?  
(A)  $\text{CO} + \text{H}_2$  (B)  $\text{CO} + \text{N}_2$   
(C)  $\text{CO} + \text{Cl}_2$  (D)  $\text{CO} + \text{O}_2$
30. Which of the following hydride can act as a Lewis acid?  
(A) HF (B)  $\text{B}_2\text{H}_6$   
(C)  $\text{NH}_3$  (D)  $\text{CH}_4$
31. Pollen grains in the angiosperm represent :  
(A) Male gamete (B) Microsporophyll  
(C) Microsporangium (D) Male gametophyte
32. Which of the following hormones owes its discovery to tissue culture technique?  
(A) Auxin (B) Cytokinins  
(C) Absciscic acid (D) Gibberellin



33. International Rice Research Institute is at :  
(A) Manila (B) New Delhi  
(C) Tokyo (D) New York
34. Biopesticides are produced by :  
(A) *Pseudomonas Sp.* (B) *Bacillus anthracis*  
(C) *Bacillus thuringiensis* (D) *Agrobacterium tumefaciens*
35. Which one of the following gymnosperm is said to have double fertilizations?  
(A) Ephedra (B) Pinus  
(C) Ginko (D) Cycas
36. A phylum with pseudocoelom :  
(A) Platyhelminthes (B) Annelida  
(C) Aschelminthes (D) Arthropoda
37. The British ecologist who tested the hypothesis of 'Industrial melanism' :  
(A) Alexander von Humboldt (B) Barnard Kettlewell  
(C) Hugo de Vries (D) Charles Darwin
38. The lobe of the brain that can decode and interpret visual information :  
(A) Frontal (B) Parietal  
(C) Temporal (D) Occipital
39. After ovulation corpus luteum formed in the ovary releases :  
(A) Progesterone (B) Estrogen  
(C) Testosterone (D) Aldosterone
40. Opioids are obtained from :  
(A) *Claviceps purpurea* (B) *Erythroxylum coca*  
(C) *Cannabis sativa* (D) *Papaver somniferum*
41. Which of the following is the heat regulating centre in man?  
(A) Liver (B) Cisterna magni  
(C) Medulla oblongata (D) Hypothalamus

42. Dorsalis pedis is the pulse felt over :  
(A) Upper limb (B) Neck  
(C) Lower limb (D) Trunk
43. Inflammation of the tongue is known as :  
(A) gingivitis (B) glossitis  
(C) halitosis (D) angulostomatitis
44. Mantoux test is the sensitivity test for :  
(A) Allergic disorders (B) Tuberculosis  
(C) AIDS (D) Bronchial asthma
45. The characteristic fever found in Typhoid is :  
(A) intermittent fever (B) continuous fever  
(C) relapsing fever (D) step ladder fever
46. Vastus lateralis is a site lot  
(A) intravenous injection (B) subcutaneous injection  
(C) intramuscular injection (D) intradermal injection
47. The difference between systolic and diastolic blood pressure is known as :  
(A) Pulse difference (B) Cardiac pressure  
(C) Systolic pressure (D) Pulse pressure
48. Where is Cardiac sphincture located?  
(A) Heart (B) Lungs  
(C) Liver (D) Stomach
49. Tunica adventitia is a layer of :  
(A) Testis (B) Blood vessels  
(C) Uterus (D) Lungs
50. Deficiency of which vitamin causes Scurvy?  
(A) Vitamin A (B) Vitamin B  
(C) Vitamin C (D) Vitamin D



51. The antidote of organophosphorous poisoning is :  
(A) Adrenaline (B) Dopamine  
(C) Atropine (D) Sodium bicarbonate
52. Which of the following is a fracture in which bone is shattered into numerous fragments?  
(A) Avulsion fracture (B) Comminuted fracture  
(C) Displaced fracture (D) Spiral fracture
53. Potassium intake is restricted in :  
(A) Liver failure (B) Cardiac failure  
(C) Lung failure (D) Renal failure
54. Which of the following is a risk factor for development of breast cancer ?  
(A) No pregnancies (B) Early first pregnancy  
(C) Late Menarche (D) Early menopause
55. Small painful nodes on fingers and toes called Osler's nodes are seen in :  
(A) Infective endocarditis (B) Cardiomyopathy  
(C) Pericarditis (D) Myocarditis
56. Which is the most lethal arrhythmia?  
(A) Ventricular tachycardia (B) Sinus arrhythmia  
(C) Atrial fibrillation (D) Ventricular fibrillation
57. Classic barrel shaped chest is seen in patients with :  
(A) Congestive cardiac failure (B) Pulmonary effusion  
(C) COPD (D) Bronchiectasis
58. After a radical mastectomy with lymph node removal, which of the following measures help to prevent lymphoedema?  
(A) Restricting all movements of the arm (B) Raising arm above heart on pillows  
(C) Warm moist heat application (D) Placing arm close to body in sling

59. The normal adult intracranial pressure is :  
(A) 0-15 mm of Hg (B) 80-100 mm of Hg  
(C) 20-40 mm of Hg (D) 60-70 mm of Hg
60. Which of the following procedure is used to correct otosclerosis?  
(A) Myringotomy (B) Stapedectomy  
(C) Myringoplasty (D) Mastoidectomy
61. Which of the following is a neural tube defect?  
(A) Meningitis (B) Meningocele  
(C) Scoliosis (D) Encephalitis
62. Management of Immune Thrombocytopenic Purpura is :  
(A) Radiation therapy (B) Bone marrow transplantation  
(C) Steroid therapy (D) Chelation therapy
63. The age of administration of measles vaccine is :  
(A) 3 months (B) 9 months  
(C) 18 months (D) 6 months
64. Typical type of play in a toddler is :  
(A) Co-operative play (B) Associative play  
(C) Onlooker play (D) Parallel play
65. Normal head circumference of a newborn is :  
(A) 31-33 cm (B) 33-35 cm  
(C) 30-32 cm (D) 35-37 cm
66. Which of the following is an activity of underfive clinics?  
(A) Mid day meal programme (B) Child education  
(C) School health services (D) Growth monitoring
67. "Flag sign" is a characteristic feature of which disease?  
(A) Kwashiorkor (B) Rickets  
(C) Marasmus (D) Poliomyelitis



68. The corrective surgery for Hirschsprung's Disease is :  
(A) Kosai's procedure (B) Duhamel procedure  
(C) Pyloroplasty (D) Pyeloplasty
69. Current Jelly stool is a manifestation of :  
(A) Trachea oesophageal fistula (B) Oesophageal atresia  
(C) Anorectal malformation (D) Intussusception
70. Which of the following is a cyanotic heart disease?  
(A) Coarctation of Aorta (B) Atrial Septal Defect  
(C) Tetralogy of Fallot (D) Patent Ductus Arteriosus
71. Germ theory of disease was founded by :  
(A) Alexander Fleming (B) Hippocrates  
(C) Louis Pasteur (D) William Harvey
72. The back bone of Public Health Nursing is:  
(A) Home visiting (B) Bag technique  
(C) Primary health care (D) Primary health centre
73. The goal of "Health for all by 2000 AD" was mooted in World Health Assembly in the year :  
(A) 1948 (B) 1957  
(C) 1978 (D) 1966
74. The three tier system of Local Self Government at block level is :  
(A) Gramasabha (B) Panchayath Samithi  
(C) Zilla Parishad (D) Nyaya Panchayat
75. Which of the following is observed as Anti Malaria Month?  
(A) May (B) June  
(C) January (D) December
76. Causative organism of Yellow Fever is :  
(A) Myxovirus (B) Enterovirus  
(C) Arbovirus (D) Rhabdovirus

77. The amount of moisture in the air is recorded with :
- (A) Barometer (B) Six's thermometer  
(C) Anemometer (D) Hygrometer
78. Mode of spread of polio infection is :
- (A) Droplet infection (B) Faeco-oral route  
(C) Through blood (D) Through vectors
79. Incubation period of chicken pox ranges from:
- (A) 6-10 days (B) 14-16 days  
(C) 20-25 days (D) 30-40 days
80. National Tuberculosis Control Programme was adopted in India in the year :
- (A) 1960 (B) 1962  
(C) 1964 (D) 1966
81. Who coined the term Schizophrenia?
- (A) Emil Kreaplin (B) Eugen Bluler  
(C) Kurt Schneider (D) Zigmond Freud
82. A false memory that the patient believes to be true is :
- (A) Confabulation (B) Cataplexy  
(C) Anergia (D) Fuge
83. A special kind of therapy in which the total structure of the treatment unit is involved as part of the helping process is called :
- (A) Psychotherapy (B) Milieu therapy  
(C) Cognitive behaviour therapy (D) Gestalt therapy
84. Drug of choice for treatment and prevention of further episodes of bipolar mood disorder is:
- (A) Fluoxetine (B) Chlordiazepoxide  
(C) Amitryptiline (D) Lithium



85. Abnormal involuntary movement which occurs suddenly, repetitively and purposeless is:
- (A) Tic (B) Mannerism  
(C) Cataplexy (D) Compulsion
86. Fear of high places is known as :
- (A) Acrophobia (B) Xenophobia  
(C) Algophobia (D) Claustrophobia
87. Therapeutic level of serum lithium is:
- (A) 2.5 – 3.0 mEq/l (B) 0.6 – 1.2 mEq/l  
(C) 0.8 – 1.2 mEq/l (D) 1.5 – 2.0 mEq/l
88. A false unshakable belief is :
- (A) Hallucination (B) Illusion  
(C) Delusion (D) Derealization
89. Most severe alcohol withdrawal syndrome is :
- (A) Hang over (B) Delirium tremers  
(C) Alcoholic seizures (D) Alcoholic hallucinosis
90. A condition in which person maintaining the body posture into which it is placed is :
- (A) Echopraxia (B) Cataplexy  
(C) Anergia (D) Catalepsy
91. Ortolani's test is diagnostic in :
- (A) Respiratory distress (B) Congenital anomalies  
(C) Congenital hip dislocation (D) Induction of labour
92. Attitude of fetal head in occipito posterior position is :
- (A) Flexion (B) Deflexion  
(C) Extension (D) Adduction

93. Morbidly adherent placenta is called as :  
(A) Placenta succenturiata (B) Placenta circumvallata  
(C) Battledore placenta (D) Placenta accreta
94. The following factor is most important in preventing fetalopen neural tube defects :  
(A) Vitamin - A (B) Zinc  
(C) Folic Acid (D) Vitamin - D
95. Which out of the following is not a feature of pre eclampsia?  
(A) Oedema (B) Hypertension  
(C) Fits (D) Proteinuria
96. Normal weight of placenta at term is:  
(A) 500 gms (B) 900 gms  
(C)  $1/4^{\text{th}}$  of baby weight (D)  $1/6^{\text{th}}$  of baby weight
97. Hormone responsible for hyperemesis gravidarum is :  
(A) Progesterone (B) Relaxin  
(C) Human Chorionic Gonadotropin (D) Human Placental Lactogen
98. Specific manifestation in menopause is :  
(A) Hypotension (B) Hypothermia  
(C) Hot flashes (D) Anorexia
99. When is fertilized ovum known as embryo?  
(A) 0-8 wks (B) 0-12 wks  
(C) 12-24 wks (D) 8-32 wks
100. Normal weight gain in pregnancy :  
(A) 10-12 kg (B) 7-9 kg  
(C) 3-5 kg (D) 14-18 kg