

200/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The registrar general and commissioner of 2011 Indian census:
(A) C. Chandra Rao (B) A. Sambat
(C) C. Chandramauli (D) Nandan Nilekani
2. Central vigilance commission was set up in the year :
(A) 1964 (B) 1956
(C) 1972 (D) 1950
3. The channel that separate the Andamans from Nicobar Islands:
(A) Green channel (B) Ten degree channel
(C) Zero degree channel (D) Red channel
4. Himalaya protects us from which frigid wind flowing down from central Asia:
(A) Elephenta (B) Halny
(C) Kali Andhi (D) Katabatic
5. Hindustan Socialist Republican Association (HSRA) leader achieved martyrdom after a long epic fast:
(A) Baghat singh (B) Jutin Das
(C) Ajay Ghosh (D) Surya Sen
6. Servants of a India society founded by:
(A) G.K. Gokhalae (B) B.G. Tilak
(C) S.N. Banerjee (D) M.G. Ranade
7. In Kerala, the district that has more forest:
(A) Wynad (B) Palakkad
(C) Idukki (D) Alappuzha

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8. Netherland of kerala:
(A) Kochi (B) Kuttanad
(C) Paravur (D) Kumarakom
9. Name the state in which caste count took place in 1968:
(A) Gujarat (B) Karnataka
(C) Kerala (D) Bengal
10. The boundary line between India and Pakistan drawn by:
(A) Mounbattan (B) Pattel
(C) Radcliff (D) Stafford Cripps
11. Name the first foreign country that published Sree Narayana Guru's stamp:
(A) Sree Lanka (B) Myanmar
(C) Burma (D) Singapore
12. Name the association that founded by Vagbhatananda:
(A) Prathyaksha Daiva Sabha (B) SNDP
(C) Atmavidya Sangham (D) Sadhujana Paripalana Sangam
13. Nair Samudaya Brithyajanasangam was founded by:
(A) M.M. Paramupilla (B) Mannathu Padmanabhan
(C) K.Kelappan (D) Chattambi Swamikal
14. Name the first Malayalam daily:
(A) Nasrani Deepika (B) Malayala Manorama
(C) Kesari (D) Deepika
15. The book 'Samadhi Sapthakam' written by:
(A) Swami Sivayogi (B) Ayya Vaikundar
(C) Dr. Palpu (D) Pandit Karuppan
16. The winner of 2014 Wimbledon men's single:
(A) Navak Djokovic (B) Roger Federev
(C) Andy Murray (D) Grigor Dimitrov

17. 'Odakkuzhal' Award winner of 2013:
(A) Sethu (B) K.R. Meera
(C) ONV Kuruppu (D) Subash Chandran
18. Sixth BRICS summit was held in:
(A) Maracana (B) Rio de Janeiro
(C) Fortaleza (D) Gerardmer
19. India's first domestically built guided missile destroyer:
(A) Kolkata (B) Prithvi
(C) Rohini (D) Mumbai
20. The satellite used for launching 'Mangalyan':
(A) PSLV - 5 (B) PSLVC - 25
(C) INSAT - 5 (D) INSAT - 2B
21. The ampere - second is a unit of:
(A) Current (B) Charge
(C) Energy (D) Power
22. Which of the following is a scalar quantity?
(A) Electric current (B) Electric field
(C) Acceleration (D) Linear momentum
23. If mass of a body is M on the surface of earth, then the mass of the same body on the moon surface is:
(A) $\frac{M}{6}$ (B) Zero
(C) M (D) None of these
24. Electron microscope use electron for their which property:
(A) Wave nature (B) Spin
(C) Negative charge of electron (D) None

25. The energy band gap is maximum in:
- (A) Metals (B) Super conductors
(C) Insulators (D) Semi conductors
26. De salination of sea water is carried out by :
- (A) Van't Hoff method (B) Osmosis
(C) Arrhenius method (D) Reverse osmosis
27. Artificial rain is caused by:
- (A) Peptisation (B) Coagulation
(C) Scattering (D) Electro osmosis
28. Zeigler Natta catalyst is an organo – metallic compound of the metal:
- (A) Iron (B) Zirconium
(C) Titanium (D) Rhodium
29. Vulcanised rubber is a/an:
- (A) Fibre (B) Elastomer
(C) Thermo plastic (D) Thermo setting plastic
30. The foul smelling product formed when alcoholic KOH react with chloroform and aniline is:
- (A) Phenyl acetamide (B) Diazonium chloride
(C) Phenyl isocyanide (D) Nitrobenzene
31. In Bryophyllum plants, the units of vegetative propagation is:
- (A) Flower (B) Leaf
(C) Stem (D) Root
32. The branch of Botany deals with the study of pollen grains is called :
- (A) Palaentology (B) Pomology
(C) Palynology (D) Spermology
33. The father of biotechnology:
- (A) Paul Berg (B) Wermer Arber
(C) Allec Jeffreys (D) Carry Mullis

34. Which day of the following is celebrated as world environment day?
(A) May 1 (B) September 5
(C) December 1 (D) June 5
35. The maintenance of hives of honey bees for the production of honey is called:
(A) Sericulture (B) Apiculture
(C) Aquaculture (D) Pisciculture
36. Viral proteins called interferons helping innate immunity are classified under:
(A) Physical barriers (B) Physiological barriers
(C) Cytokine barriers (D) Cellular barriers
37. Mapping of genes is possible only if there is a cross between:
(A) Dominant heterozygous alleles and dominant heterozygous alleles
(B) Dominant heterozygous and dominant homozygous alleles
(C) Dominant homozygous and dominant homozygous alleles
(D) Dominant heterozygous and recessive homozygous alleles
38. If a cross is made between haemophilic man and normal woman chance of the progeny in the subsequent generation is nil:
(A) Haemophilic male (B) Haemophilic female
(C) Carrier female (D) Normal male
39. The ancestral man who uses hides to protect themselves and buried dead ones as per evolution studies:
(A) Neanderthal man (B) Ramapithecus
(C) Homohabilis (D) Australopithecus
40. If a double stranded DNA Helix has 30% cytosine what will be the calculated percentage of thymine in the helix:
(A) 20% (B) 30%
(C) 100% (D) 40%
41. Which of the following is the 5th cranial nerve?
(A) Trochlear (B) Trigeminal
(C) Abducent (D) Facial

42. Deficiency of vitamin B₁ causes:
- (A) Beriberi (B) Rickets
(C) Pellagra (D) Xerophthalmia
43. Growth hormone is secreted by:
- (A) Neurohypophysis (B) Adrenal cortex
(C) Adenohypophysis (D) Adrenal medulla
44. Incubation period of Chikungunya fever is:
- (A) 10-13 days (B) 1-2 days
(C) 14-16 days (D) 4-7 days
45. Mc Burney's point is associated with :
- (A) Appendix (B) Stomach
(C) Spleen (D) Larynx
46. Which among the following disease is not due to Aedes mosquitoes?
- (A) Filariasis (B) Malaria
(C) Dengue fever (D) Chikungunya fever
47. First foetal movement felt by the mother is:
- (A) Oslander's sign (B) Hegar's sign
(C) Uterine souffle (D) Quickening
48. World AIDS day is celebrated every year on:
- (A) July 11th (B) December 25th
(C) December 1st (D) June 5th
49. False harmful written report is called:
- (A) Libel (B) Slander
(C) Tort (D) Felony
50. Maternal blood serum is examined for alpha fetoproteins to detect:
- (A) Inborn errors of metabolism (B) Spina bifida
(C) Rh haemolytic disease (D) Haemophilia

51. What is the normal pH of blood?
(A) 6.35 -6.45 (B) 5.35-6.0
(C) 7.35-7.45 (D) 6.35-7.0
52. Population covered by an Anganwadi worker is:
(A) 2000 (B) 3000
(C) 1500 (D) 1000
53. Hypokalemia is suspected when a client has serum potassium level falls below:
(A) 5.0m Eq/L (B) 3.5m Eq/L
(C) 4.5m Eq/L (D) 5.5m Eq/L
54. Which patient is at risk for metabolic acidosis?
(A) Patient with uncontrolled diabetes mellitus
(B) Patient with emphysema
(C) Patient with chronic bronchitis
(D) Elderly patient receiving IV therapy
55. Which of the following is the function of sodium in the body?
(A) Formation of bones (B) Functioning of skeletal muscle
(C) Functioning of cardiac muscle (D) Maintenance of serum osmolarity
56. Fear of high places is called :
(A) Agrophobia (B) Algophobia
(C) Acrophobia (D) Claustrophobia
57. Which among the following vaccines is stored in the freezer?
(A) Measles (B) Typhoid
(C) DPT (D) TT
58. Constant presence of a disease within a geographic area:
(A) Epidemic (B) Endemic
(C) Sporadic (D) Pandemic
59. Which among the following medicines is used for the pharmacologic closure of patent ductus arteriosus?
(A) Methoxamine (B) Ecospirin
(C) Indomethacin (D) Prostaglandin

60. The suture line between two parietal bones is called:
- (A) Coronal (B) Lambdoidal
(C) Frontal (D) Sagittal
61. Wilms tumor is associated with:
- (A) Polycystic kidney (B) Renal dysplasia
(C) Renal hypoplasia (D) Horse-shoe kidney
62. The most common complication of Tuberculous meningitis is:
- (A) Encephalitis (B) Subdural empyema
(C) Hydrocephalus (D) Brain abscess
63. Person who is kind, quiet, submissive, sympathetic and gloomy has:
- (A) Melancholic personality (B) Narcissitic personality
(C) Cyclothymic personality (D) Histrionic personality
64. Guillain - barre' syndrome is manifested with:
- (A) Muscle atrophy and persistent reflexes
(B) Symmetric muscle weakness, diminished reflexes and paresthesia
(C) Muscle atrophy, convulsions and behavioral problems
(D) Symmetric muscle weakness, Increased tone and persistent reflexes
65. Bryant's traction is indicated in:
- (A) Fractures of femur (B) Fractures of humerus
(C) Spinal fractures (D) Fractures of radius
66. Which of the following methods in health communication helps to perform a skill?
- (A) Lecture (B) Demonstration
(C) Seminar (D) Symposium
67. Salk vaccine is given for the prevention of:
- (A) Measles (B) Mumps
(C) Polio (D) Rabies

68. Which is the most common cancer associated with AIDS?
- (A) Lukemia (B) Adeno carcinoma
(C) Osteo sarcoma (D) Kaposi's sarcoma
69. Bleeding due to the premature separation of a normally situated placenta is called:
- (A) Placenta praevia (B) Incidental haemorrhage
(C) Post partum haemorrhage (D) Abruptio placentae
70. A patient can become toxic on a normal dose of digitalis when _____ is present.
- (A) Hyperkalemia (B) Hypertention
(C) Hypokalemia (D) Hypotention
71. If the activities done by the people are repeated by a patient, it is called?
- (A) Ecolalia (B) Hyperactivity
(C) Compulsion (D) Echopraxia
72. The most important cause of diarrhoea in infants and children is:
- (A) Escherichia coli (B) Rota virus
(C) Salmonella (D) Vibrio cholerae
73. Bagassosis is caused by inhalation of:
- (A) Sugar-cane dust (B) Cotton dust
(C) Coal dust (D) Silica dust
74. Normal PR interval in ECG is:
- (A) 0.20 – 0.35 sec (B) 0.30 – 0.45 sec
(C) 0.35 – 0.40 sec (D) 0.12 – 0.20 sec
75. The antidote to warfarin is :
- (A) Heparin (B) Vitamin K
(C) Vitamin B₁₂ (D) Iron
76. What is the normal CSF pressure when the individual is lying on his side?
- (A) 15 cm H₂ O (B) 20 cm H₂O
(C) 10 cm H₂O (D) 25 cm H₂O

77. Immunization of DPT should be administered by:
- (A) Intradermal (B) Intramuscular
(C) Subcutaneous (D) Intravenous
78. Which among the following drugs is used in the treatment of alcohol dependence?
- (A) Disulfiram (B) Lithium
(C) Carbamazepine (D) Verapamil
79. Insertion of a needle in to the pleural cavity is:
- (A) Endoscopy (B) Paracentesis
(C) Thoracentesis (D) Evisceration
80. Lack of oxygen in the blood stream is:
- (A) Apnoea (B) Cyanosis
(C) Anoxia (D) Anoxaemia
81. Fracture occurs at the distal end of the fibula:
- (A) Colles fracture (B) Oblique fracture
(C) Spiral fracture (D) Pott's fracture
82. The most preferred intramuscular injection site for children is:
- (A) Deltoid (B) Dorsogluteal
(C) Vastus lateralis (D) Ventrogluteal
83. Characteristic hormone of the placenta is:
- (A) Oestrogen (B) Chorionic gonadotrophin
(C) Corticotrophin (D) Oxytocin
84. Positive Chvostek's and Trousseau's signs are early indications of:
- (A) Rickets (B) Addison's disease
(C) Tetany (D) Cushing's syndrome

85. Sudden return to normal temperature from a very high temperature within a few hours:
- (A) Crisis (B) Lysis
(C) Remittent fever (D) Continuous fever
86. Which of the following symptoms is most commonly associated with Vitamin C deficiency?
- (A) Photophobia (B) Bleeding gums
(C) Muscular hypoxia (D) Conjunctival xerosis
87. Which among the malarial parasite is responsible for cerebral malaria?
- (A) P.Vivax (B) P.Ovale
(C) P.Falciparum (D) P.Quartan
88. One of the major causes of left sided heart failure is:
- (A) Septal defect (B) Congenital heart disease
(C) Pulmonary valve stenosis (D) Hypertention
89. Secretion of parathyroid hormone is stimulated by:
- (A) Hypokalemia (B) Hypercalcemia
(C) Hyperkalemia (D) Hypocalcemia
90. Which of the following hormone is called a "stress" hormone?
- (A) Calcitonin (B) Vasopressin
(C) Cortisol (D) Prolactin
91. Which meal plan is best for the patient with reactive hypoglycemia?
- (A) Avoidance of fats and proteins
(B) Small frequent meals
(C) Low fiber, high carbohydrate diet
(D) Avoid fats, complex carbohydrates and proteins
92. What is the recommended maximum noise level?
- (A) 85 decibel (B) 90 decibel
(C) 80 decibel (D) 75 decibel

93. Angiotensin 11 increases which of the following?
- (A) Vasodilation and ADH secretion
 - (B) Vasoconstriction and aldosterone secretion
 - (C) Venous flow from the extremity
 - (D) Arterial flow to the extremity
94. The cells involved in inflammatory reactions are called:
- (A) Neutrophils
 - (B) Eosinophils
 - (C) Basophils
 - (D) Lymphocytes
95. The muscle covers the shoulder and the back of the neck is:
- (A) Trapezius
 - (B) Masseter
 - (C) Biceps
 - (D) Temporalis
96. In which part of the brain, respiratory centre is located?
- (A) Cerebral cortex
 - (B) Hypothalamus
 - (C) Midbrain
 - (D) Medulla oblongata
97. What is the common complication of varicocele?
- (A) Phimosis
 - (B) Erectile dysfunction
 - (C) Infertility
 - (D) Cancer
98. Which among the following conditions come under Cyanotic heart disease?
- (A) Ventricular septal defect
 - (B) Atrial septal defect
 - (C) Tetralogy of fallot
 - (D) Patent ductus arteriosus
99. The most common site of bleeding in children with hemophilia is:
- (A) Joints
 - (B) Stomach
 - (C) Gum
 - (D) Nose
100. A client receiving morphine sulfate should be observed for:
- (A) Respiratory depression
 - (B) Blood dyscrasias
 - (C) Gastritis
 - (D) Jaundice