

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

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 pollengrains 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 maintainance 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 burried 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 soufflé | (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 feto-proteins 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 H₂O (B) 20 cm H₂O
(C) 10 cm H₂O (D) 25 cm H₂O