

215/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The first news paper in India, "Bengal Gazette" was published by :
(A) William Bolts (B) James Hickey
(C) George Yule (D) Crenbrook
2. The National leader who headed the committee which prepared the Wardha Scheme of Education?
(A) Dr. Rajendra Prasad (B) Dr. S. Radhakrishnan
(C) Dr. Zakir Hussain (D) Dr. Visweswarayya
3. Congress session which took the decision to start Non Co-operation Movement?
(A) Nagpur (B) Calcutta
(C) Pune (D) Madras
4. The Planning Commission has been replaced with NITI Aayog in :
(A) 2012 (B) 2013
(C) 2014 (D) 2015
5. Lakdawala committee was appointed on :
(A) Poverty estimation (B) Banking sector reforms
(C) Tax reforms (D) Financial sector reforms
6. The first state in India formed on linguistic basis :
(A) Tamil Nadu (B) Andhra Pradesh
(C) Gujarat (D) Kerala
7. Rural employment programme of Government of India is known as :
(A) DWCRA (B) Indira Awaas Yojana
(C) MGNREGA (D) SGSY

8. "Go back to Vedas" is the motto of :
(A) Brahmo Samaj (B) Prarthana Samaj
(C) Dev Samaj (D) Arya Samaj
9. Who was the founder of Gadhar Party?
(A) Lala Hardayal (B) Bhagath Singh
(C) Chandra Sekhar Azad (D) V.D. Savarkar
10. "Kanneerum Kinavum" is a book written by :
(A) M.P. Bhattathiripad
(B) V.T. Bhattathirippad
(C) Kuroor Brahmadattan Namboothiripad
(D) E.M.S. Namboothiripad
11. Athma Vidya Sangham was founded by :
(A) Brahmananda Sivayogi (B) Vaikunda Swamikal
(C) Chattampi Swamikal (D) Swami Vagbhadanda
12. The river from Kerala flows eastwards to Karnataka :
(A) Periyar (B) Chaliyar
(C) Kabani (D) Kunthipuzha
13. When Vaikam Sathyagraha broke out?
(A) 1921 (B) 1922
(C) 1923 (D) 1924
14. Who among the following was Gandhiji's friend and associate?
(A) Louis Fischer (B) A.O. Hume
(C) Lord Mountbatten (D) Lord Ripon
15. Mercy Mathew, who does social work among the tribes in Madhya Pradesh is better known as :
(A) Medha Patkar (B) Daya Bhai
(C) Teesta Setalvad (D) Vandana Siva

16. "Gypsy Goddess" is a book by :
(A) Shinnie Antony (B) Anuja Chuhan
(C) Anuja Raina (D) Meena Kandaswamy
17. The oldest mountain ranges in India :
(A) Vindhya (B) Aravalli
(C) Karakoram (D) Western Ghats
18. The book "Swaraj" is written by :
(A) Aravind Kejriwal (B) Narendra Modi
(C) Kiran Bedi (D) Sushama Swaraj
19. Which of the following is a sanctuary for salt crocodiles?
(A) Kanha national park (B) Corbet national park
(C) Bhitarkanika national park (D) Kasiranga national park
20. The first Indian governor of Reserve Bank of India :
(A) C.D. Deshmukh (B) Y.V. Reddy
(C) C. Rangarajan (D) C. Narasimham
21. The minimum distance between the sound source and the reflecting surface to hear echo :
(A) 34 m (B) 36 m
(C) 17 m (D) 27 m
22. The voltage at which electricity is produced in the power stations in India :
(A) 11 KV (B) 230 V
(C) 220 KV (D) 66 KV
23. The main component of CNG :
(A) Butane (B) Propane
(C) Ethane (D) Methane
24. Which colour present in the sunlight undergoes more scattering?
(A) Green (B) Blue
(C) Yellow (D) Red

25. Which of the following gas is produced by "Haber Process"?
- (A) Ammonia (B) Sulphuric acid
(C) Hydrogen chloride (D) Nitric oxide
26. The electronic component which stores electric charge :
- (A) Resistor (B) Inductor
(C) Capacitor (D) Transistor
27. A man starts from a point P travels through a circular path with perimeter 200 m and ends at the same point P. What is his displacement?
- (A) 200 m (B) 400 m
(C) 100 m (D) 0 m
28. The colour of light produced by the discharge lamp filled with sodium vapour :
- (A) Red (B) Yellow
(C) White (D) Green
29. The scientist who successfully classified elements into a periodic table :
- (A) Newlands (B) Dobereiner
(C) Mendeleev (D) Lavoisier
30. The phenomenon of light exhibited while passing through an optical fibre :
- (A) refraction (B) total internal reflection
(C) dispersion (D) diffraction
31. The largest part of brain is :
- (A) cerebrum (B) cerebellum
(C) medulla oblongata (D) thalamus
32. The digestive enzyme of gastric juice is :
- (A) salivary amylase (B) pepsin
(C) trypsin (D) lysosyme

33. Which hormone increases blood calcium level?
(A) Insulin (B) Glucagon
(C) Calcitonin (D) Parathormone
34. Night blindness is caused by the deficiency of :
(A) Vitamin A (B) Vitamin B
(C) Vitamin C (D) Vitamin D
35. Elbow joint is an example of :
(A) Ball and socket joint (B) Pivot joint
(C) Hinge joint (D) Gliding joint
36. Respiratory organ of Earthworm is :
(A) Trachea (B) Book lungs
(C) Skin (D) Gills
37. An example for Ex-situ conservation :
(A) Wild life sanctuary (B) National park
(C) Botanical garden (D) Biosphere reserve
38. Basic unit of classification of organisms :
(A) order (B) family
(C) genus (D) species
39. Which among the following is a function of sympathetic nervous system?
(A) Pupil constricts (B) Saliva secretion decreases
(C) Heart beat decreases (D) Trachea constricts
40. Power house of the cell :
(A) Endoplasmic reticulum (B) Mitochondria
(C) Ribosome (D) Golgi bodies
41. Nosocomial infection is :
(A) Infection of Nose (B) Infection of Sinus
(C) Infection from hospital (D) Infection from Patient's home

42. Which of the following stage is not a carrier of a disease?
(A) Incubation (B) Healthy
(C) Convalescent (D) Disease
43. Following diseases are transmitted by droplets except :
(A) Hepatitis B (B) Chicken Pox
(C) Diphtheria (D) Tuberculosis
44. The following is not a live vaccine :
(A) Oral polio (B) Rabies
(C) BCG (D) Measles
45. Vaccines are stored in the subcenters for _____ days.
(A) 0 days (B) 30 days
(C) 90 days (D) 180 days
46. Age giving measles vaccine first dose in India :
(A) 10 years (B) 5 years
(C) 2 years (D) 1 year
47. Route of Vitamin A given to children in national program :
(A) Intradermal (B) Intramuscular
(C) Oral (D) Intra nasal
48. In India Low birth weight is defined as :
(A) Below 2 Kg (B) Below 2.5 Kg
(C) Below 3 Kg (D) Below 3.5 Kg
49. The baby should be exclusively breast fed for :
(A) 2 years (B) 1.5 years
(C) 1 year (D) 0.5 year
50. The following is not a component of sanitary well :
(A) Parapet (B) Platform
(C) Motor (D) Lining

51. The hardness of water is due to :
- (A) Lead (B) Lead chromate
(C) Chromium Nitrates (D) Calcium bicarbonate
52. Water samples should be collected from taps after running water for :
- (A) 30 seconds (B) 1 minute
(C) 2 minutes (D) 5 minutes
53. Which of the following is not considered as air pollutant?
- (A) Sulphur dioxide (B) Carbon dioxide
(C) Hydrocarbons (D) Carbon monoxide
54. NOT included as best indicators of air pollution :
- (A) Carbon monoxide (B) Sulphur dioxide
(C) Smoke (D) Suspended particles
55. The following screening test was not done for blood donation :
- (A) HIV (B) Tuberculosis
(C) HBV (D) Malaria
56. The ORS contain the following compounds except :
- (A) Trisodium citrate (B) Sodium chloride
(C) Potassium chloride (D) Potassium Nitrate
57. The common cause of diarrhoeal disease in children were due to :
- (A) Rotavirus (B) Entamoeba
(C) Salmonella (D) Shigella
58. The maximum incubation period of Cholera disease is :
- (A) 2 days (B) 5 days
(C) 7 days (D) 10 days
59. The drug of choice for ARI control program in India is :
- (A) Chloramphenicol (B) Ampicillin
(C) Cotrimoxazole (D) Ciprofloxacin

60. The widal test is done for diagnosis of :
(A) HIV (B) Malaria
(C) Cholera (D) Typhoid
61. The colour of the tank containing chlorine gas should be :
(A) White (B) Black
(C) Yellow (D) Red
62. The colour coding of the container to dispose sharps are :
(A) Blue (B) Black
(C) Yellow (D) Red
63. The first aid for scald injury is applying :
(A) Honey (B) Ink
(C) Kerosene (D) Cold water
64. Minimum recommended level of residual chlorine in drinking water :
(A) 5 mg/L (B) 0.5 mg/L
(C) 0.05 mg/L (D) 0.005 mg/L
65. Orthotolidine test is used for :
(A) Testing Milk (B) Test chlorine demand
(C) Test chlorine in water (D) Testing blood
66. In RNTCP – TB is diagnosed by :
(A) X-ray (B) Sputum microscopy
(C) Blood tests (D) USG scanning
67. Which is not an eligibility to become a DOT provider?
(A) ASHA (B) Kudumbasree member
(C) Teacher (D) Family member
68. The presence of the following in a water sample is an evidence for recent contamination :
(A) Faecal streptococci (B) Coliform organism
(C) Cl.perfringens (D) Salmonella

69. For setting a national standards for fluoride the factor NOT considering :
- (A) The tooth paste used (B) Climate
(C) Volume of water intake (D) Type of food intake
70. The cut of point of Hemoglobin level for anemia in pregnant women is :
- (A) 10 grm% (B) 11 grm%
(C) 13 grm% (D) 14 grm%
71. An episode of food poisoning was reported within 6 hours of taking food – The causative organism may be :
- (A) Staphylococci (B) Salmonella
(C) Bacillus cereus (D) C.botulinum
72. The route of transmission of following is through skin :
- (A) Ascariasis (B) Pin worm
(C) Hook worm (D) Tape worm
73. The resting habit of Anophiline mosquito is :
- (A) Outdoor (B) Water
(C) Indoor (D) Peridomestic
74. For the treatment of Vivax infection Primaquine should be given for _____ days.
- (A) 1 day (B) 7 days
(C) 28 days (D) 14 days
75. The lymphatic filariasis in India is mainly due to infection with :
- (A) Wuchereria bancrofti (B) Brugia Malayi
(C) Brugia timori (D) Loa Loa
76. For Iodization the salt is fortified with :
- (A) Sodium Chloride (B) Sodium Iodate
(C) Potassium Iodate (D) Potassium Iodide

77. Which of the following is an amplifier of JE virus?
- (A) Human being (B) Pond herons
(C) Mosquitoes (D) Pigs
78. Number of doses of Tetanus toxoid given for a primi women :
- (A) One (B) Two
(C) Three (D) Nil
79. Germ theory of disease was coined by :
- (A) John snow (B) Louis Pasteur
(C) Edwin Chadwick (D) J.C. Bose
80. Painless ulcer is feature of :
- (A) Gonococcal infection (B) Chanchroid
(C) Syphilis (D) Genital herpis
81. The following is NOT a symptom of congenital rubella :
- (A) Heart defect (B) Hearing defect
(C) Visual defect (D) Urogenital defect
82. The following is a killed vaccine :
- (A) Oral Polio (B) Measles
(C) BCG (D) Rabies
83. The carcinogen in tobacco is :
- (A) Tar (B) Nicotine
(C) Carbon monoxide (D) Ammonia
84. Folic acid deficiency in mother will leads to following defect in children :
- (A) Spinal defect (B) Urogenital defect
(C) Visual defect (D) Heart defect

85. The antidote for methyl alcohol poisoning is :
(A) Formaldehyde (B) Ethyl alcohol
(C) Acetaldehyde (D) Acetic acid
86. The malaria parasite was discovered by :
(A) Mansoni (B) Einstein
(C) Ronald Ross (D) Edward Jenner
87. The chicken pox is transmitted through the :
(A) Vesicular fluid (B) Scab
(C) Skin to skin contact (D) Respiratory droplets
88. The vitamin lost during milling from rice is :
(A) Riboflavin (B) Niacin
(C) Thiamin (D) Pyridoxine
89. The recommended maximum daily exposure to noise is :
(A) 80 db (B) 85 db
(C) 90 db (D) 95 db
90. The permissible annual dose of radiation from man made source is :
(A) 0.1 rad (B) 1 rad
(C) 0.5 rad (D) 5 rad
91. Window period in HIV is :
(A) Symptomatic (B) End stage
(C) Recovery stage (D) Asymptomatic
92. "Jyothis" centers are for :
(A) HIV counseling (B) De addiction counseling
(C) Marriage counseling (D) Psychological counseling
93. The most common cancers of women in Kerala is :
(A) Breast (B) Cervix
(C) Mouth (D) Lungs

94. The syndromic diagnosis was made by :
- (A) Lab technician (B) Doctor
(C) Nurse (D) Health worker
95. The Medical termination of Pregnancy act in India was come into force since :
- (A) 1952 (B) 1971
(C) 2001 (D) 1991
96. The major mechanism of action of copper T is :
- (A) Preventing ovulation (B) Preventing spermatogenesis
(C) Preventing fertilization (D) Act as a barrier
97. The egg do not contain the following nutrient :
- (A) Fat (B) Protein
(C) Carbohydrate (D) Vitamins
98. Methylene blue reduction test is used for detection of :
- (A) Food adulteration (B) Milk quality
(C) Water quality (D) Meat quality
99. A subcenter is to catering service to _____ population.
- (A) 1000 (B) 2000
(C) 5000 (D) 10000
100. The minimum educational qualification for an ASHA worker is :
- (A) 5th std (B) 8th std
(C) 10th std (D) 12th std