

PRACTICE QUESTION (SET-15)

1. Who is known as 'First True Epidemiologist' in history of medicine?
(a) John Snow (b) Hippocrates
(c) James Lind (d) Joseph Lister
2. Which of the following is known as "Father of Public Health"?
(a) Tuberculosis (b) Cholera
(c) John Snow (d) Louis Pasteur
3. Science of health and embrace all factors which contribute to healthful living is known as
(a) Hygiene (b) Cleanliness
(c) Personality (d) None
4. Who propounded the germ theory of disease?
(a) Leeuwenhoek (b) Robert Koch
(c) Ambriose Parre (d) Louis Pasteur
5. Major foundation of epidemiologic approach
(a) Asking question and making comparison
(b) Rate and ratio
(c) Measurement of mortality
(d) None
6. Smallpox vaccine was invented by:
(a) Edward Jenner
(b) Ronald Rose
(c) Louis Pasteur
(d) Cross over study
7. Most universally accepted indicator of health status of whole population and their socio-economic conditions among the following is
(a) MMR
(b) IMR
(c) Life expectancy
(d) Disease notification rates
8. A physical or mental condition that limits a person's movements, senses, or activities
(a) Handicap
(b) Disability
(c) Impairment
(d) Battered baby syndrome
9. A good indicator of the availability, utilization and effectiveness of health care service in country is:
(a) Maternal mortality rate
(b) Hospital bed occupancy rate
(c) Infant mortality rate
(d) Disability adjusted life years (DALYs)
10. Sullivan's index is
(a) Expectation of life free of disability
(b) Expectation of life at birth
(c) Expectation of life at 1 year of age
(d) Average life expectancy
11. In the natural history of disease, the 'pathogenesis phase' is deemed to start upon
(a) Entry of the disease agent in the human host
(b) Interaction between agent, host and environmental factors
(c) Appearance of signs and symptoms
(d) Appearance of complications
12. Major immunoglobulin of serum is
(a) IgA (b) IgG
(c) IgM (d) All
13. Disease elimination means
(a) Cure of the disease
(b) Preventing the transmission totally
(c) Eradication of the vector
(d) Complete termination of infective organism
14. Recommended temperature of long term storage of polio vaccine is
(a) 36°C (b) -20°C
(c) -4°C (d) None
15. In an area with fluoride rich water, the defluoridation of water is which level of prevention?
(a) Primary (b) Secondary
(c) Tertiary (d) Primordial
16. 'Disability Limitation' is mode of intervention for
(a) Primordial Prevention
(b) Primary Prevention
(c) Secondary Prevention
(d) Tertiary Prevention
17. All are true regarding point source epidemic except
(a) No secondary waves occur
(b) Occurs within a specified period
(c) All cases occur abruptly and simultaneously
(d) Children are most commonly affected

18. Seasonal trend is due to
 - (a) Vector variation
 - (b) Environmental factors
 - (c) Change in herd immunity
 - (d) All of the above
19. In a case control study of smoking and lung cancer, which of the following can be a possible conclusion?
 - (a) Smoking is a cause of lung cancer
 - (b) Lung cancer is commoner in smokers than non smokers
 - (c) If smoking is stopped, the number of cases of lung cancer will decrease
 - (d) Smoking is associated with lung cancer
20. A group of people who share a common characteristic or experience within a defined time period' is known as
 - (a) Cases
 - (b) Controls
 - (c) Cohort
 - (d) None of the above
21. Method which is used to carry small quantities (16-20 vial) of vaccine
 - (a) Vaccine carrier
 - (b) ILR
 - (c) Refrigerator
 - (d) None
22. Corner stone for control of a communicable disease is
 - (a) Health education
 - (b) Rapid identification
 - (c) Treatment
 - (d) None
23. All of the following are characteristics of a cohort study except
 - (a) Reserved for testing precisely formulated hypothesis
 - (b) Suitable for study of rare diseases
 - (c) Can yield information about more than one outcome
 - (d) Involves large number of subjects
24. Carries are not found in
 - (a) Typhoid
 - (b) Diphtheria
 - (c) Whooping cough
 - (d) Hepatitis B
25. The time period between entry of infection in a host and maximal infectivity of that host is the:
 - (a) Incubation period
 - (b) Serial interval
 - (c) Generation time
 - (d) Period of communicability
26. Prevention of emergence of risk factor is
 - (a) Primordial prevention
 - (b) Primary prevention
 - (c) Secondary prevention
 - (d) Tertiary prevention
27. 'Natural habitat in which organism metabolizes and replicates' is known as:
 - (a) Reservoir
 - (b) Source of infection
 - (c) Carrier
 - (d) Host
28. Most powerful and cost effective weapons of modern medicine for prevention of communicable disease
 - (a) Immunoglobulin
 - (b) Active immunization
 - (c) Antitoxin
 - (d) None
29. In WHO recommended Death Certificate, Main Underlying Cause of Death is recorded on

(a) Line Ia	(b) Line Ib
(c) Line Ic	(d) Line II
30. Which one of the following is a better indicator of the severity of an acute disease?
 - (a) Cause specific death rate
 - (b) Case fatality rate
 - (c) Standardized mortality ratio
 - (d) Five year survival rate
31. An agent with low pathogenicity and high infectivity would result in

(a) Clinical case	(b) Carrier
(c) Pandemic	(d) Epidemic
32. Which of the following estimate the burden of a disease in the community
 - (a) Disease specific mortality
 - (b) Proportional mortality rate
 - (c) Maternal mortality rate
 - (d) Child mortality rate

33. Substance which destroys or inhibit the growth of micro organisms
 (a) Disinfectant (b) Antiseptic
 (c) Bactericidal (d) All
34. Case fatality rate is
 (a) Spreading power of disease
 (b) Killing power of a disease in a time
 (c) Killing power of a disease with no time interval
 (d) Resistance of disease
35. The disability-adjusted life year (DALY) is the measure of
 (a) Measures life years adjusted with death
 (b) Pregnancy rate
 (c) GNP
 (d) Literacy rate
36. Disinfection after the discharge of material from the body of an infected person
 (a) Terminal disinfection
 (b) Concurrent disinfection
 (c) Primary disinfection
 (d) None
37. Secular trend refers to
 (a) Long term changes
 (b) Short term changes
 (c) Seasonal changes
 (d) Periodical changes
38. Best method of sterilization of linen is:
 (a) Autoclaving (b) Hot air oven
 (c) Radiation (d) Chemicals
39. The most effective skin antiseptic is
 (a) Alcohol solution of chlorhexidine
 (b) Dettol
 (c) Alcohol
 (d) None of the above
40. The Expanded Programme on Immunization (EPI) was started in India in 1978. It included all of the following vaccines except
 (a) BCG (b) Measles
 (c) Typhoid (d) DPT
41. Disinfectant action of sunlight is due to
 (a) Ultraviolet rays
 (b) Infrared rays
 (c) Heating effect
 (d) None of the above
42. Subclinical infection is not seen in
 (a) Rabies (b) AIDS
 (c) Polio (d) Hepatitis B
43. 'The time between invasion of an infectious agent and detection of evidence of the infectious agent by laboratory means' is known as:
 (a) Prepatent period
 (b) Incubation period
 (c) Generation time
 (d) Serial interval
44. Frozen DPT vaccine should be
 (a) Shaken thoroughly before use
 (b) Allowed to melt before use
 (c) Brought to room temperature before use
 (d) Discarded
45. Soil act as reservoir of infection for all of the following except
 (a) Tetanus
 (b) Anthrax
 (c) Coccidiomycosis
 (d) Dracunculiasis
46. Vertical transmission refers to a mode of transmission of disease agent by the agency of:
 (a) Placenta
 (b) Blood transfusion
 (c) Breast milk
 (d) All of the above
47. Cyclodevelopmental mode of transmission is seen in
 (a) Malaria (b) Filariasis
 (c) Cholera (d) Plague
48. Presence of infectious arthropod agent on clothes or dressing is termed
 (a) Infection (b) Infestation
 (c) Contamination (d) Contagion
49. Vertical transmission is seen in
 (a) Herpes simplex
 (b) Leprosy
 (c) Tetanus
 (d) Whooping cough
50. The concept of Primary Health Care was initiated at Alma Ata in the year
 (a) 1976 (b) 1978
 (c) 1983 (d) 1985

ANSWERS

1	B	26	A
2	C	27	A
3	A	28	B
4	D	29	C
5	A	30	B
6	A	31	B
7	B	32	B
8	B	33	B
9	C	34	C
10	A	35	A
11	A	36	B
12	B	37	A
13	B	38	A
14	B	39	A
15	A	40	B
16	D	41	A
17	D	42	A
18	D	43	A
19	D	44	D
20	C	45	D
21	A	46	A
22	B	47	B
23	B	48	B
24	C	49	A
25	C	50	B