

Chapter- 08

HUMAN HEALTH AND DISEASES**VERY SHORT ANSWER QUESTIONS (1 mark)**

01. Define the term health.
02. Discriminate infectious and non infectious diseases with one example from each.
03. Mention any two parasitic adaptation present in disease causing pathogens.
04. Name the causative agent of typhoid.
05. Which test confirms typhoid?
06. Name two different bacteria which are responsible for pneumonia.
07. Write one symptom of pneumonia which appear in severe cases only.
08. How a healthy person acquire pneumonial infection?
09. Which group of organisms are responsible for common cold?
10. Enlist any four symptoms of common cold.

SHORT ANSWER TYPE QUESTIONS (2 marks)

11. Write a note upon Ascariasis.
12. (a) Name any two causative agents of ringworm infection
(b) Mention the symptoms of the infection.
(c) What are the favourable condition required from the growth of said agent?
13. Differentiate between primary and secondary response.
14. Diagrammatically represent the structure of an antibody molecule with four labelings.
15. Expand HMI and CMI and write how these are mediated.
16. Elaborate passive immunity by citing two suitable examples.
17. What is passive immunisation? Give an example of it.
18. Give the role of r-DNA technology in production of vaccines.
19. (a) Name the two chemicals released from mast cell during allergy.
(b) Name the drugs which are used for allergy.
20. Write a note upon auto immune disorder. Give an example.

SHORT ANSWER TYPE QUESTIONS (3 marks)

21. Discuss about primary lymphoid organs and enlist any four secondary lymphoid organ.
22. Differentiate between cellular and viral oncogenes and define protoncogenes.
23. (a) Name two plants which have hallucinogenic property.
(b) Write any two diseases caused by smoking and two caused by Alcohol consumption.
24. (a) What is dependence? (b) Define withdrawal syndrome

- (c) Enlist any two characteristics of withdrawal syndrome.
25. Mention any four side effects seen in male and female sports persons due to use of steroids.

LONG ANSWER TYPE QUESTIONS (5 marks)

26. (a) Name the causative agent of Malaria and name the fatal species of same protozoan pathogen.
(b) Elaborate its life cycle.
27. (a) Differentiate between malignant and benign tumors.
(b) Write all four detection methods of Cancer.
28. (a) Which systems get affected by use of opioids and cannabinoids.
(b) Enlist and explain any three measures useful for prevention and control of drug abuse.
29. (a) Expand ELISA and write its use.
(b) Mention four different methods for transmission of HIV.
(c) Write down the steps taken to control AIDS.
30. (a) How does a Human immunodeficiency virus replicate in a host?
(b) How does an HIV infected patient lose immunity?
(c) List any two symptoms of this disease.

HOTS/MODEL QUESTIONS:

01. Name any two fungi which causes ringworm infection.
02. Write down any two measures taken to control vectors of diseases.
03. Expand PMNL and write how macrophage destroy microbes.
04. Name all the immunoglobulins produced in our body.
05. Name the transmitting agent of Malaria.
06. What are immunosuppressants?
07. What is colostrum and which antibodies are present in it?
08. Name the antibodies produced during allergy and write any two symptoms of allergy.
09. Enlist any four secondary lymphoid organs.
10. Expand MALT.
11. Write down the incubation period of AIDS
12. Expand the followings:-
(a) NACO (b) LSD

13. What are the physical carcinogens?
14. How CT is conducted?
15. Define interferon.
16. State a point of difference between crack and smack.
17. Cannabinoids are extracted from which part of which plant.
18. Name the plant from where cocaine is extracted.
19. (a) Name the two causative agents of filariasis.
(b) Elaborate how the pathogen transmitted?
(c) Enlist two symptoms of the disease.
20. Discuss amoebiasis.
21. (a) What do you mean by passive immunity and active immunity.
(b) Cite example of each.
22. Name the phylum of *Wuchereria bancrofti*
23. Mention any four chemical carcinogens.
24. Enlist two waterborn and two parasitic protozoan disorders in human.
25. Barbiturate belongs to which type of drug and give its clinical use.
26. Enlist any two radioisotopes used for radiation therapy.
27. Write notes upon:-
(a) Sarcoma (b) Melanoma (c) Adenoma
28. Define mamography.
29. What do you mean by epitopes.
30. Suggest a molecular diagnostic method that detects HIV in a suspected AIDS patient.
31. Why is *Gambusia* introduced into drains or ponds?
32. Mention one application of each of the following
(a) Passive immunisation
(b) Antihistamine (c) Colostrum
(d) Cytokinin barriers.
33. Name a human disease, its causal organism symptoms (any three) and vector, spread by intake of water and food contaminated by human faecal matter.
34. Name the type of immunity colostrum provided to newborn. Write giving an example where this type of immunity should be provided to a person.













