

10. HUMAN HEALTH AND DISEASES

MULTIPLE CHOICE QUESTIONS (1 MARK EACH)

- 1 Immunity acquired after an infection is _____ immunity
- A. Artificial Acquired
 - B. Passive
 - C. Innate
 - D. Natural Acquired**
- 2 Passive immunity is _____.
- A. Acquired through natural overt or latent infection
 - B. Acquired through Vaccination
 - C. Acquired through readymade antibodies**
 - D. Acquired by activating immune system of the body
- 3 'Pathogens' are _____
- A. Substances produced against any disease.
 - B. Chemical substances produced by the host cells to kill the parasite animal.
 - C. Disease causing organisms.**
 - D. Cells which kill the parasites
- 4 Which one of the following diseases is a communicable?
- A. Rickets
 - B. Malaria**
 - C. Diabetes
 - D. Scurvy
- 5 Which one of the following is the most accurate definition of the term 'health'?
- A. Health is the state of body and mind in a balanced condition.
 - B. Health is the reflection of a smiling face.
 - C. Health is a state of complete physical, mental and social well-being.**
 - D. Health is the symbol of economic prosperity.
- 6 AIDS is caused by _____
- A. Fungus
 - B. Virus**
 - C. Bacterium
 - D. Helminth worm

- 7 A person preparing food in an unhygienic place can be a major source of spread of disease _____
A. Pneumonia
B. Syphilis
C. Typhoid
D. Cancer
- 8 Carcinoma is cancer of _____ cells.
A. Epithelial
B. Connective tissue
C. Bone
D. Blood
- 9 Inactive gene that can cause cancer is called _____
A. Transposon
B. Proto-oncogene
C. Tumour promoter gene
D. Tumour suppressor gene
- 10 antiviral proteins released by cells infected by the virus are called _____
A. histamines
B. interferons
C. pyrogens
D. allergens

VERY SHORT ANSWER TYPE QUESTIONS (1 MARK EACH)

- 1 Define 'Health', as given by WHO.
- 2 What are Non-communicable diseases?
- 3 Name the causative pathogen of Ascariasis.
- 4 What is 'serology'?
- 5 Name the vector of malarial pathogen.
- 6 What are congenital diseases?
- 7 Name the vector of pathogen responsible for filariasis.
- 8 When a drug addict is not allowed to take drugs he shows certain typical symptoms. What are these symptoms termed as?
- 9 What is 'Leukemia'?
- 10 Define 'Adolescence'.

SHORT ANSWER TYPE QUESTIONS(SA-I) (2 MARKS)

- 1 Enlist the four types of T- lymphocytes, responsible for immune response of our body
- 2 Enlist any four barriers that contribute to innate immunity.
- 3 Enlist any four therapies used to treat a cancer patient.
- 4 Give any four the symptoms of Ascariasis.
- 5 State the significance of mother's milk to a new-born.
- 6 Enlist any two features of Acquired immunity.
- 7 Sketch and label – Structure of Antibody

SHORT ANSWER TYPE QUESTIONS(SA-II) (3 MARKS)

- 1 When the ELISA test was conducted on an immune-suppressed person, he tested positive for a pathogen.
 - a) Identify the disease the patient is suffering from.
 - b) Name the causative entity.
 - c) Mention the cells of the body that are attacked by the pathogen.
- 2 Explain the importance of epithelial surface in innate immunity.
- 3 Explain any three causes of substance abuse during adolescence.
- 4 Explain the three stages of adolescence.
- 5 Give the preventive measures of AIDS
- 6
 - a) How is a tumor formed in the body?
 - b) What are the two types of tumor?
 - c) Which of these under goes metastasis?
- 7 Explain the mode of transmission of HIV.

LONG ANSWER TYPE QUESTIONS (LA) (4 MARKS EACH)

- 1 Explain the various types of acquired immunity.
- 2 Explain the clinical manifestation of AIDS.
- 3 Explain any four therapies used in treatment of cancer.