



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

HUMAN HEALTH AND DISEASE

One Mark Questions

1. Write the full form of LSD.



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2. What are Psychotropic drugs.



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3. Define addiction.



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4. What is immunity?



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5. What are interferons?



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6. When is a tumour referred to as malignant?



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7. What are oncogenic viruses?



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8. Which is the lymphoid organ in humans which produces blood cells?



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9. Name the structure through which a newborn receives passive immunity?



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10. Define cancer?



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11. What is carcinoma?



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12. What is sarcoma?



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13. What are oncogenes?



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14. Which species of bacteria causes human typhoid?



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15. What is an antigen?



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16. What is an antibody?



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17. Name the causitive organism of amoebic dysentery?



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18. What are stimulants?



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19. What are depressants?



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20. Give an example of vaccine produced by recombinant DNA technology?



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21. What is the name given to the infectious stage of plasmodium?



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22. What is metastasis?



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23. Name the process by which the genome of HIV replicates in the host cell.



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24. Mention four withdrawal symptoms exhibited by an alcohol or drug addict



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25. What is drug addiction?



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26. Mention the type of immunity provided by preformed antibodies when administered against snake bite.



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27. Which is the diagnostic test used to confirm typhoid fever?



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28. What are oncogenic viruses?



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29. Name the organism causing ringworm disease.



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30. Define allergy.



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Two Marks Questions

1. What is the reason of Shivering in malarial patient?



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2. Write the symptoms of pneumonia.



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3. What measure would you take to prevent water-borne diseases?



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4. Define the following diseases, causing agent and symptoms.

Amoebiasis, Ring worm, Ascariasis, Filariasis. »



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5. Name the primary and secondary lymphoid organs.



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6. What is the mechanism by which the AIDS virus causes deficiency of the immune system of the infected person ?



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7. How is a cancerous cell different from a normal cell?



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8. Explain what is meant by metastasis.



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9. List the differences between antigen and antibody.



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10. Give a brief account of a benign tumour?



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11. Write a note on the prevention and control of infectious diseases?



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12. Name the causative organism and symptoms of common cold?



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13. Name the causative organism and symptoms of pneumonia?



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14. What are the various routes by which transmission of HIV takes place?



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15. Write causative organism and symptoms of Ascariasis.

Causative organism: Ascaris

Symptoms :



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16. What is a tumor? Mention the types of tumors.



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17. What is contact inhibition? What happens when this ability is lost in normal cells?



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18. Mention any four types of cancer treatments.



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19. Describe the effects of drug abuse.



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20. What are interferons? What is their significance?



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21. Define disease and mention its types.



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Three Marks Questions

1. Draw a well labelled diagram of an antibody molecule.



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2. What are the various public health measures, which you would suggest as safeguard against infectious diseases?



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3. How does the transmission of each of the following diseases take place?

(a) Amoebiasis

(b) Malaria

(c) Ascariasis



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4. What is innate immunity? Mention the four types of barriers of innate immunity.



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5. What are carcinogens? Mention any two groups of carcinogens with an example for each.



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6. Mention the pathogen, causes and symptoms of pneumonia.



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7. a) Mention the pathogen and any two symptoms of typhoid.

b) Name the diagnostic test used to confirm typhoid.



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Five Marks Question

1. What are the various routes by which transmission of human immunodeficiency virus takes place ?



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2. The following are some well known abbreviations, which have been used in this chapter. Expand each one to its full form:

(a) MALT (b) CMI (c) AIDS (d) NACO (e) HIV



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3. Give an account of non specific Immune responses.



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4. Explain the role of B - lymphocytes in humoral Immunity?



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5. Explain the role of T-lymphocytes in cell mediated Immunity?



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6. List the harmful effects caused by alcohol drug abuse.



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7. Describe the ill-effects of drug abuse in males and females. Also mention the preventive measures that is to be taken to reduce such effects.



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8. Write the schematic representation of the life cycle of HIV.



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9. Represent schematically replication of retrovirus.



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10. Define Innate immunity. Explain the barriers of innate immunity.



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