



BIOLOGY

BOOKS - PSEB

HUMAN HEALTH AND DISEASE

Exercise

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



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2. In which way has the study of biology helped us to control infectious diseases?



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



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4. How does the transmission of each of the following diseases take place: Malaria



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5. How does the transmission of each of the following diseases take place: Ascariasts



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6. How does the transmission of each of the following diseases take place: Pneumonia



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



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8. Discuss with your teacher what does 'a suitable gene' means in the context of DNA vaccines.



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



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



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



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

NACO



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



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14. Differentiate the following and give examples of each: Innate and acquired immunity



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15. The following are some well-known abbreviations which have been used in this chapter. Expand each one to its full form: active and passive immunity



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16. Draw a well-labelled diagram of an antibody molecule.



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17. What are the various routes by which transmission of human immuno-deficiency virus takes place?



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



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19. Differentiate between a Cancerous cell and a Normal cell.



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20. Explain what is meant by metastasis.



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21. List the harmful effects caused by alcohol /drug abuse.



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22. Do you think that friends can Influence one to take alcohol/drugs? If yes. how may one

protect himself/herself from such an
Influence?



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23. Why is that once a person starts taking alcohol or drugs. It is difficult to get rid of this habit? Discuss it with your teacher.



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24. List the factors which motivate the youngsters to take alcohol or drugs. How this can be avoided.



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