



BIOLOGY

NCERT - NCERT BIOLOGY(TELUGU)

BIOLOGY IN HUMAN WELFARE

Exercises

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

(a) Amoebiasis (b) Malaria (c) Ascariasis (d)

Pneumonia



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



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



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6. Name the primary and secondary lymphoid organs.



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7. 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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8. Differentiate the following and give examples of each:

(a) Innate and acquired immunity (b) Active and passive immunity



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



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



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



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



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13. Explain what is meant by metastasis.



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



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15. 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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16. 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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17. In your view what motivates youngsters to take to alcohol or drugs and how can this be avoided?



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