

# Chapter 13

## WHY DO WE FALL ILL

### Multiple Choice Questions

1. Which one of the following is not a viral disease?
  - (a) Dengue
  - (b) AIDS
  - (c) Typhoid
  - (d) Influenza
2. Which one of the following is not a bacterial disease?
  - (a) Cholera
  - (b) Tuberculosis
  - (c) Anthrax
  - (d) Influenza
3. Which one of the following disease is not transmitted by mosquito?
  - (a) Brain fever
  - (b) Malaria
  - (c) Typhoid
  - (d) Dengue
4. Which one of the following disease is caused by bacteria?
  - (a) Typhoid
  - (b) Anthrax
  - (c) Tuberculosis
  - (d) Malaria
5. Which one of the following diseases is caused by protozoans?
  - (a) Malaria
  - (b) Influenza
  - (c) AIDS
  - (d) Cholera
6. Which one of the following has a long term effect on the health of an individual?
  - (a) Common cold
  - (b) Chicken pox
  - (c) Chewing tobacco
  - (d) Stress

7. Which of the following can make you ill if you come in contact with an infected person?
- (a) High blood pressure
  - (b) Genetic abnormalities
  - (c) Sneezing
  - (d) Blood cancer
8. AIDS cannot be transmitted by
- (a) sexual contact
  - (b) hugs
  - (c) breast feeding
  - (d) blood transfusion
9. Making anti-viral drugs is more difficult than making anti-bacterial medicines because
- (a) viruses make use of host machinery
  - (b) viruses are on the border line of living and non-living
  - (c) viruses have very few biochemical mechanisms of their own
  - (d) viruses have a protein coat
10. Which one of the following causes kala-azar?
- (a) *Ascaris*
  - (b) *Trypanosoma*
  - (c) *Leishmania*
  - (d) Bacteria
11. If you live in a overcrowded and poorly ventilated house, it is possible that you may suffer from which of the following diseases
- (a) Cancer
  - (b) AIDS
  - (c) Air borne diseases
  - (d) Cholera
12. Which disease is not transmitted by mosquitoes?
- (a) Dengue
  - (b) Malaria
  - (c) Brain fever or encephalitis
  - (d) Pneumonia
13. Which one of the following is not important for individual health?
- (a) Living in clean space
  - (b) Good economic condition
  - (c) Social equality and harmony
  - (d) Living in a large and well furnished house

- 14.** Choose the wrong statement
- (a) High blood pressure is caused by excessive weight and lack of exercise.
  - (b) Cancers can be caused by genetic abnormalities
  - (c) Peptic ulcers are caused by eating acidic food
  - (d) Acne is not caused by staphylococci
- 15.** We should not allow mosquitoes to breed in our surroundings because they
- (a) multiply very fast and cause pollution
  - (b) are vectors for many diseases
  - (c) bite and cause skin diseases
  - (d) are not important insects
- 16.** You are aware of Polio Eradication Programme in your city. Children are vaccinated because
- (a) vaccination kills the polio causing microorganisms
  - (b) prevents the entry of polio causing organism
  - (c) it creates immunity in the body
  - (d) all the above
- 17.** Viruses, which cause hepatitis, are transmitted through
- (a) air
  - (b) water
  - (c) food
  - (d) personal contact
- 18.** Vectors can be defined as
- (a) animals carry the infecting agents from sick person to another healthy person
  - (b) microorganisms which cause many diseases
  - (c) infected person
  - (d) diseased plants

### Short Answer Questions

- 19.** Give two examples for each of the following
- (a) Acute diseases
  - (b) Chronic diseases
  - (c) Infectious diseases
  - (d) Non-infectious diseases
- 20.** Name two diseases caused by Protozoans  
What are their causal organisms?
- 21.** Which bacterium causes peptic ulcers?  
Who discovered the above pathogen for the first time?

- 22.** What is an antibiotic? Give two examples
- 23.** Fill in the blanks
- (a) Pneumonia is an example of \_\_\_\_\_ disease.
  - (b) Many skin diseases are caused by\_\_\_\_\_.
  - (c) Antibiotics commonly block biochemical pathways important for the growth of \_\_\_\_\_.
  - (d) Living organisms carrying the infecting agents from one person to another are called \_\_\_\_\_.
- 24.** Name the target organs for the following diseases
- (a) Hepatitis targets\_\_\_\_\_.
  - (b) Fits or unconsciousness targets \_\_\_\_\_.
  - (c) Pneumonia targets \_\_\_\_\_.
  - (d) Fungal disease targets \_\_\_\_\_.
- 25.** Who discovered 'vaccine' for the first time?  
Name two diseases which can be prevented by using vaccines.
- 26.** Fill in the blanks
- (a) \_\_\_\_\_ disease continues for many days and causes\_\_\_\_\_ on body.
  - (b) \_\_\_\_\_disease continues for a few days and causes no longer term effect on body.
  - (c) \_\_\_\_\_ is defined as physical, mental and social well-being and comfort.
  - (d) Common cold is\_\_\_\_\_ disease.
  - (e) Many skin diseases are caused by\_\_\_\_\_.
- 27.** Classify the following diseases as infectious or non-infectious.
- (a) AIDS
  - (b) Tuberculosis
  - (c) Cholera
  - (d) High blood pressure
  - (e) Heart disease
  - (f) Pneumonia
  - (g) Cancer
- 28.** Name any two groups of micro-organisms from which antibiotics could be extracted.
- 29.** Name any three diseases transmitted through vectors.

## Long Answer Questions

- 30.** Explain giving reasons
  - (a) Balanced diet is necessary for maintaining healthy body.
  - (b) Health of an organism depends upon the surrounding environmental conditions.
  - (c) Our surrounding area should be free of stagnant water.
  - (d) Social harmony and good economic conditions are necessary for good health.
- 31.** What is a disease? How many types of diseases have you studied? Give examples.
- 32.** What do you mean by disease symptoms? Explain giving two examples?
- 33.** Why is immune system essential for our health?
- 34.** What precautions will you take to justify “prevention is better than cure”.
- 35.** Why do some children fall ill more frequently than others living in the same locality?
- 36.** Why are antibiotics not effective for viral disease?
- 37.** Becoming exposed to or infected with an infectious microbe does not necessarily mean developing noticeable disease. Explain.
- 38.** Give any four factors necessary for a healthy person.
- 39.** Why is AIDS considered to be a ‘Syndrome’ and not a disease?