

WORKSHEET 2

CHAPTER 17 – AIDS TO HEALTH

A. Match the items in Column A with those in Column B and write down the matching pairs.

Column A

1. Iodine
2. Phenol
3. Penicillin
4. Vaccine
5. Lysozyme

Column B

- a. active immunity
- b. tears
- c. antiseptic
- d. disinfectant
- e. antibiotic

B. Fill in the blanks.

1. Antibody is produced by _____ in our body in response to an attack by foreign particle.
2. An _____ is any foreign molecule that can trigger a specific immune response in the body.
3. Chlorine is a _____
4. _____ is the elimination of all transmissible agents from a surface.
5. _____ is used as a pre- and post-operative antiseptic.

C. Name the following.

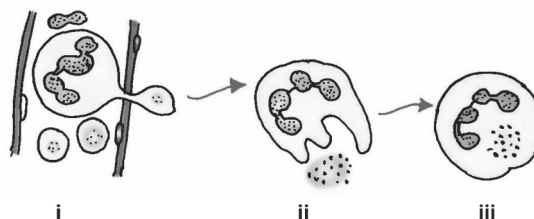
1. Antibiotic obtained from bacterium *Streptomyces griseus*.
2. Engulfing of pathogens by white blood cell.
3. A disinfectant used in hospitals to disinfect surfaces.
4. Capable of inhibiting the growth or reproduction of bacteria.
5. Capable of killing the bacteria.

D. State whether the following statements are True or False.

1. Antibiotics are obtained from bacteria and fungi.
2. Antiseptic are obtained from microorganisms.
3. Penicillin is an antibody.
4. Innate immunity is inborn.
5. Mother's milk provides passive immunity to infants.

E. Given below is a series of diagrams (i–iii) to show the activity of certain kind of cells in the human body.

1. Name the structure seen in i.
2. What significant activity is shown in i? Give the technical term for this activity.
3. Describe the events and their significance shown in ii and iii.



Name:

Teacher's signature:

Class: IX

Date:

ANSWERS

WORKSHEET 2

A. Match the items in Column A with those in Column B and write down the matching pairs.

1. c. 2. d. 3. e. 4. a. 5. b.

B. Fill in the blanks.

1. lymphocytes
2. antigen
3. disinfectant
4. Sterilization
5. Iodine

C. Name the following.

1. Streptomycin
2. Phagocytosis
3. Hydrogen peroxide
4. Bacteriostatic
5. Bactericidal

D. State whether the following statements are True or False.

1. True 2. False 3. False 4. True 5. True

E. Given below is a series of diagrams (i-iii) to show the activity of certain kind of cells in the human body.

1. White blood cell
2. A white blood cell is squeezing out of walls of blood capillaries. The process is known as diapedesis.
3. The WBC moves towards the bacteria and engulfs them by the process known as phagocytosis. Thus, the WBC protects our body against any invasion by pathogens.