

WORKSHEET 1

CHAPTER 17 – AIDS TO HEALTH

A. Name the following.

1. The passage of white blood cells through the walls of blood capillaries into the tissue at the site of infection.
2. The substance produced in our body when an antigen enters the body.
3. Redness, heat, swelling and pain in the area of infection.
4. The immunity developed after vaccination.
5. Mild chemical which when applied on the external surface of the body kills germ.

B. Expand the following.

1. BCG
2. DPT
3. TAB
4. MMR
5. OPV

C. Fill in the blanks.

1. _____ means body's defence against infections.
2. _____ is used to treat yeast infection.
3. Antibodies belong to the category of proteins called _____
4. _____ vaccine is given to build up immunity against polio.
5. Penicillin is obtained from a fungus, _____

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

1. Antibodies are obtained from fungi and bacteria.
2. Serum gives passive immunity.
3. Tear, saliva and sebum are germ killing secretions of our body.
4. Antibodies are highly specific.
5. The body's first line of defence against pathogen contain lymphocytes.

E. Given below is an incomplete table relating to certain vaccines, time of their administration and purpose. Study the same and fill in the blanks numbered 1 to 10.

Vaccine	Time of Administration	Purpose
BCG	1. _____	2. _____

Name:

Teacher's signature:

Class: IX

Date:

3. _____
5. _____
MMR
9. _____

4. _____
Early in pregnancy
7. _____
5-6 years after birth

Protection against polio
6. _____
8. _____
10. _____

ANSWERS

WORKSHEET 1

A. Name the following.

1. Diapedesis
2. Antibody
3. Inflammation
4. Actively acquired immunity / active immunity
5. Antiseptic

B. Expand the following.

1. Bacille Calmette-Guerin
2. Diphtheria, Pertussis and Tetanus
3. Typhoid A and B
4. Measles, Mumps and Rubella
5. Oral Polio Vaccine

C. Fill in the blanks.

1. Immunity
2. Boric Acid
3. immunoglobulin
4. Salk's
5. *Penicillium notatum*

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

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

E. Given below is an incomplete table relating to certain vaccines, time of their administration and purpose. Study the same and fill in the blanks numbered 1 to 10.

1. At birth
2. Protection against tuberculosis
3. Oral polio vaccine (OPV)
4. At birth
5. Tetanus toxoid (TT)
6. Protection against tetanus
7. At 15 months after birth
8. Protection against measles, mumps and rubella
9. DT (Diphtheria and Tetanus)
10. Protection against diphtheria and tetanus