

WORKSHEET 1

CHAPTER 16 – DISEASE – CAUSES AND CONTROL

A. Fill in the blanks.

1. _____ vaccine is given to build up immunity against polio.
2. Hepatitis is a _____ disease.
3. _____ vaccine is used against tuberculosis.
4. Tetanus is caused by _____
5. _____ is a disease which affects the central nervous system, caused by bite of infected dog.

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

1. Mumps is a disease of the salivary glands.
2. DPT vaccine is called triple vaccine.
3. Popular name of the disease pertussis is whooping cough.
4. Typhoid is a venereal disease.
5. Syphilis is caused by *Treponema*.

C. Name the following.

1. Viruses that attack bacteria.
2. Causative agent of influenza.
3. A disease which weakens the immune system of an individual.
4. Mosquito which spreads elephantiasis.
5. A venereal disease.

D. Choose the correct option.

1. Diphtheria is caused by a
a. protozoa. b. virus. c. bacteria. d. worm.
2. Tuberculosis affects
a. heart. b. stomach. c. lungs. d. kidney.
3. *Trypanosoma* sp. causes
a. kala azar. b. amoebic dysentery. c. malaria. d. sleeping sickness.
4. Which disease is also known as hydrophobic?
a. Pertussis b. Diphtheria c. Rabies d. Tetanus
5. Which disease is caused by consuming infected pork?
a. Ascariasis b. Elephantiasis c. Sleeping sickness d. Taeniasis

Name:

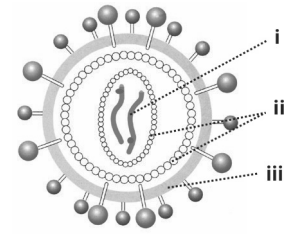
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E. Study the given figure and answer the following questions.

1. Name the organism. Label parts **i** to **iii**.
2. Name the disease caused by it.
3. How does the disease affect the infected person?
4. How is this disease transmitted?
5. How can this disease be prevented?



ANSWERS

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A. Fill in the blanks.

1. Salk's
2. viral
3. BCG
4. bacteria
5. Rabies

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

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

C. Name the following.

1. Bacteriophage
2. Myxovirus
3. AIDS
4. *Culex*
5. Syphilis/AIDS/gonorrhoea

D. Choose the correct option.

1. c.
2. c.
3. d.
4. c.
5. d.

E. Study the given figure and answer the following questions.

1. Human Immunodeficiency Virus (HIV)
Parts
 - i. Genetic material (RNA)
 - ii. Protein coats
 - iii. Lipid membrane
2. Acquired immunodeficiency syndrome (AIDS)
3. HIV virus damages the antibody production mechanism of the body weakening the immune system of the infected person. Weakened immune system leads to several secondary infection which cause death of the individual.
4. Transmission of this disease takes place by sexual contact with infected person; transfusion of infected blood and during pregnancy from infected mother's blood to baby.
5. This disease can be prevented by
 - a. using barrier method of contraception during sexual intercourse.
 - b. screening of blood during transfusion.
 - c. avoiding pregnancy, if mother is HIV positive.