

WORKSHEET 2

CHAPTER 16 – DISEASE – CAUSES AND CONTROL

A. Match the pathogen in column A with the disease in Column B.

Column A

1. *Vibrio cholerae*
2. *Treponema*
3. *Clostridium tetani*
4. *Wuchereria bancrofti*
5. *Entamoeba histolytica*

Column B

- a. elephantiasis
- b. amoebic dysentery
- c. syphilis
- d. tetanus
- e. cholera

B. Name the following.

1. The organism which carries the pathogen.
2. The period between the entry of germs and the first symptom.
3. The popular name of the disease pertussis.
4. Dead or weakened germs introduced into the body to prevent occurrence of an infectious disease.
5. Drug taken to treat ascariasis.

C. Fill in the blanks.

1. _____ host harbours the larval stage of the parasite.
2. Disease causing worms have under developed _____ and _____
3. _____ is a broad spectrum antibiotic.
4. BCG stands for _____
5. _____ is a metabolic product of certain microbes that inhibits the growth of other microbes.

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

1. Viruses can be seen under a simple microscope.
2. AIDS is not transmitted by contact with patient's clothes.
3. Rabies, smallpox and influenza are bacterial diseases.
4. Poliomyelitis and mumps are diseases caused by virus.
5. Gonorrhoea and syphilis are venereal diseases.

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

1. Identify the organism. Name the phylum to which it belongs.
2. Can you call it a germ, a pathogen, a parasite or a carrier? Give reason.

Name:

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Date:

3. Name the disease caused by it.
4. How does the disease spread?
5. How can the disease be controlled?



ANSWERS

WORKSHEET 2

A. Match the pathogen in column A with the disease in Column B.

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

B. Name the following.

1. Vector
2. Incubation period
3. Whooping cough
4. Vaccination
5. Mebendazole

C. Fill in the blanks.

1. Intermediate host
2. digestive system, locomotory organs
3. Tetracycline
4. Bacille Calmette-Guerin
5. Antibiotic

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

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

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

1. *Ascaris* (Roundworm) – Nematoda
2. *Ascaris* is the most common intestinal parasite in humans. A parasite is an organism that lives on or in a host organism and gets its food at the expense of its hosts. *Ascaris* obtains its nourishment from the pre-digested food in the human intestine, hence, it is a parasite.
3. Ascariasis
4. The disease spreads through soil and water contaminated with eggs released in large numbers in the human excreta.
5. The disease can be controlled by drugs such as mebendazole, proper disposal of human faeces, proper washing of raw vegetables and salads before consuming.