

CLASS 6

BIOLOGY Chapter 7 (HEALTH AND HYGIENE)

SYNOPSIS:

Good health is important purposeful living and hygiene refers to the practice of maintaining health and preventing the growth of diseases. World Health Organization defines Health as not merely the absence of disease, but a state of complete physical, mental and social well being. There are broadly two types of diseases. COMMUNICABLE and NON-COMMUNICABLE. Communicable diseases are caused by agents like bacteria, virus, protozoa, helminths and fungi.

Bacteria are one celled organisms. They are amongst the most widely spread organisms. There are many bacterial diseases like Cholera, Typhoid, Tuberculosis, Diarrhoea, Whooping cough, Diphtheria, Pneumonia, Tetanus and Plague.

A Virus is a microorganism that lives in a cell of another living organism. They are microscopic in nature and can be seen only by an electron microscope. Some of the diseases caused by virus are – Common cold, Chicken pox, Small pox, Polio, Rabies, Influenza, Aids and Hepatitis.

Protozoa: The protozoans the most simplest and primitive animals. The disease caused by a protozoa are Malaria and Amoebiasis.

A NAME THE FOLLOWING

1. Disease causing microorganism.....
2. It is mainly a disease of children which is caused by bacterium....
3. The power to resist and overcome infection.....
4. Cholera, diarrhoe, tuberculosis typhoid etc are caused by....
5. It is basically a disease of the rats....
6. It is the disease of lungs that occurs commonly in old people...
7. It is a serious disease of 2 to 5 years old children.....
8. This disease is caused by RNA virus...
9. This disease is caused by a virus named HIV...
10. The primitive and simplest animal known....

B 1 Name any two diseases caused by virus.

- 2 How does the infection of common cold spread ?
- 3 What do you understand by Hydrophobia ?
- 4 What is the symptom of amoebiasis?
- 5 What do you understand by OPV ? Why is this given to children ?

C Name the disease in the following cases

- 1 Causes paralysis and locking of jaws
- 2 Affects the respiratory tract in children.
- 3 It is caused by Variola virus.
- 4 It is transferred from the infected to the healthy person through a mosquito.
- 5 Frequent loose motions lasting more than 24 hours.

D Long answer questions

- 1 Who is said to be a healthy person ?
- 2 Name the different kinds of microorganisms which cause communicable diseases.
- 3 What do you understand by Hepatitis ? Explain.
- 4 What is a Virus? Explain.
- 5 What is Cholera? How does a person get infected by it ?

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