

HEALTH



SOME DISEASE CAUSING ORGANISMS ARE :

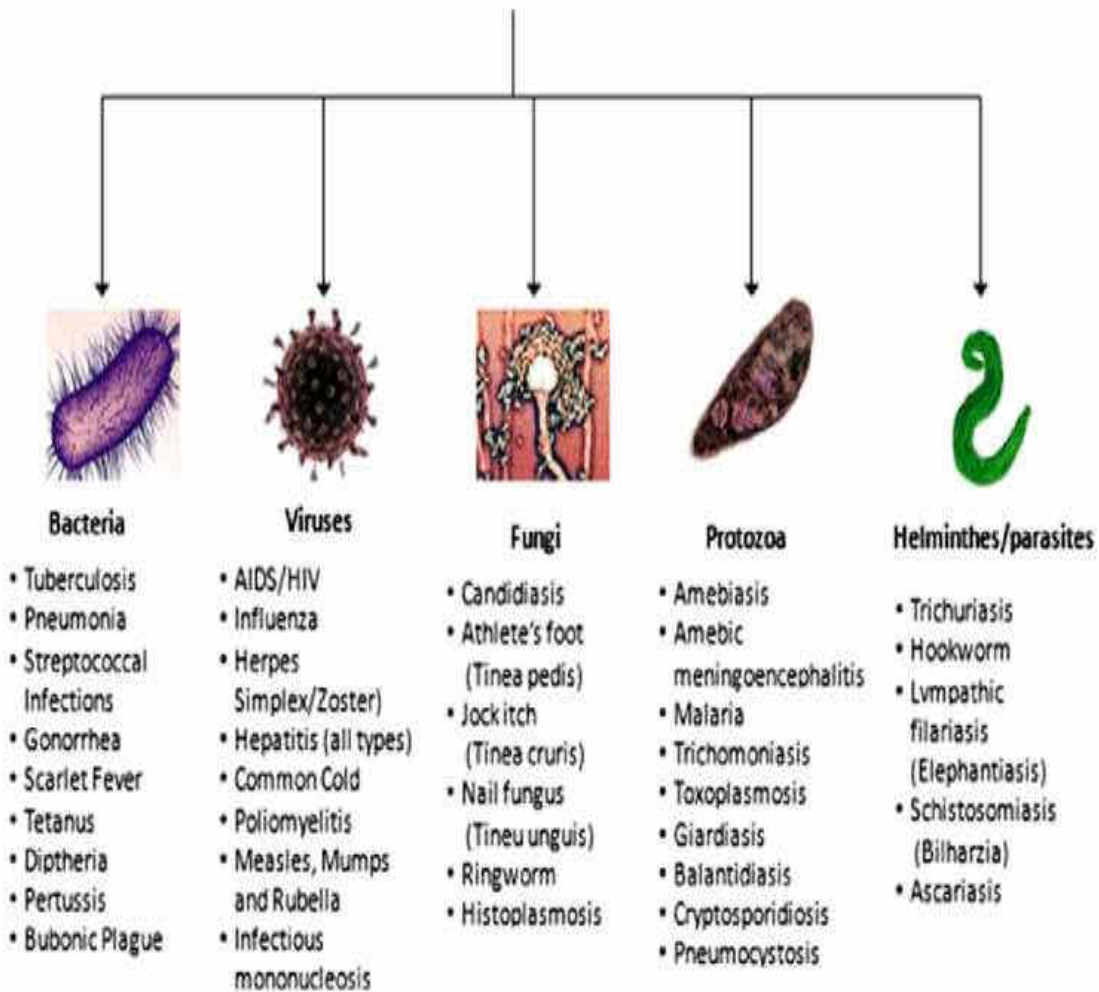
- VIRUSES
- BACTERIA
- FUNGI
- SINGLE-CELLED ANIMALS OR PROTOZOANS
- MULTICELLULAR ORGANISMS SUCH AS WORMS OF DIFFERENT KINDS.

There are five major types of infectious agents: bacteria, viruses, fungi, protozoa, and helminths.

Infectious agent	Disease
Virus	Common cold, influenza, dengue fever, AIDS
Bacteria	Typhoid fever, cholera, tuberculosis, anthrax
Fungi	Many common infectious disease
Protozoan	Malaria, kala azar
Worms	worm infections, elephantiasis

The chart given below is the classification of some common diseases.

Human Infectious Diseases and their causative agents



INFECTIOUS DISEASES SPREAD THROUGH:

Air: Causes air-borne diseases due to bacteria, virus e.g., common cold, influenza, measles, tuberculosis.

Food and water: Is caused due to contaminated food and water that contains bacteria, virus, worm etc. Example, cholera, typhoid and hepatitis.

Contact: Many diseases spread by contact of infected person with the healthy person. Examples, fungal infection, scabies etc.

AIDS and syphilis spread due to sexual contact.

Body fluids: Body fluids like blood, semen, mother milk when infected can also cause disease. Example, AIDS.

WHERE DO THE DISEASE-CAUSING GERMS LIVE IN OUR BODY?

There are a number of tissues and organs in our body where these microbes can get attached to. The point of entry decides where they will go. For instance, any microbe that enters through the nose is likely to settle at the lungs.

The signs and symptoms of a disease as only those organs and tissues issues seem affected where these microbes enter.

INFLAMMATION

Our body has an immune system in which it creates the cells that can fight against the diseasecausing germs.

This process of recruiting cells to kill the infectious agents present in our body is called Inflammation.

The inflammation process shows different effects on our body such as fever or swelling.

We can say that the likelihood we are going to be affected by the disease is determined by the immune system of our body

THIS CONTENT IS PREPARED FROM HOME .