

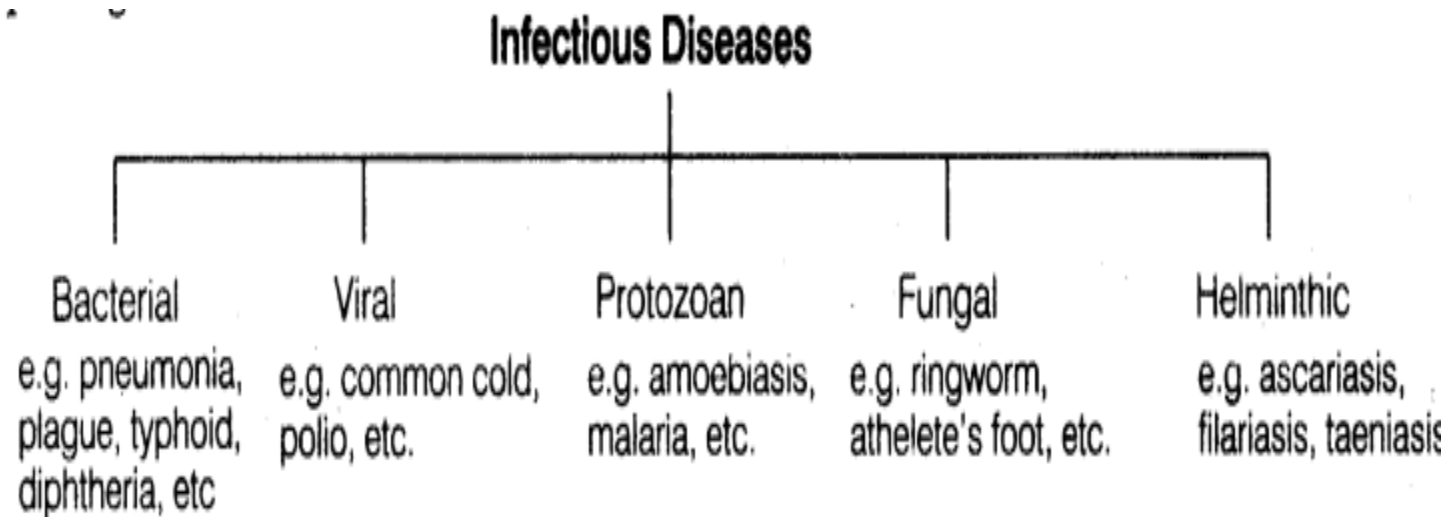
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Class 12th

Sub. Biology

Date:- 10.11.20



Some diseases are transmitted by vector, i.e. mosquitoes like dengue (*Aedes aegypti*); chikungunya (*Aedes aegypti*, *Aedes albopictus*) and malaria (*Anopheles*).

3. Some of the common infectious diseases are:

I. Bacterial Diseases

(i) Typhoid is caused by bacterium (*Salmonella typhi*).

(a) *S. typhi* enters the small intestine through food and water contaminated with them and migrate to other organs through blood.

(b) Intestinal perforation and death may occur in severe cases.

(c) **Widal test** is a confirmation test for **typhoid**.

(d) Symptoms are high fever (39-40°C), weakness, stomach pain, constipation, headache and loss of appetite.

(ii) Pneumonia is caused by ***Streptococcus pneumonia*** and ***Haemophilus influenzae***.

(a) These bacteria infect alveoli of the lungs. The alveoli get filled with fluid causing decrease in respiratory efficiency of the lungs.

(b) Pneumonia spreads by inhaling droplets/aerosol from infected individuals or even by sharing glasses and utensils with patients.

(c) Symptoms of pneumonia are fever, chills, cough, headache, etc.

(iii) Dysentery, plague, diphtheria, etc., are some other examples of bacterial diseases.