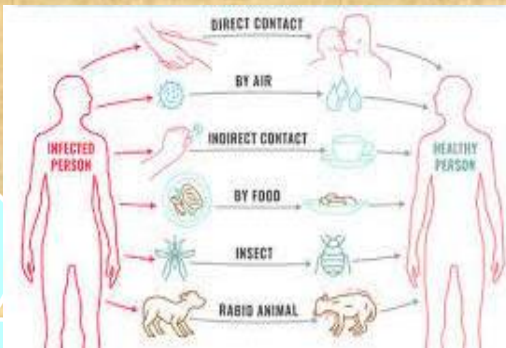


Chapter 11

WHY DO WE FALL ILL?

Means of spread:

We all know that some of the disease can spread from one to another. These infectious diseases also called as communicable diseases can transmit from one person to another through various medium.



Air borne diseases:

Here the disease causing microbes spread through air and the closer we are to the infected person, the easier it is to catch the disease.

Transmission is mainly due to overcrowding and poor ventilation.

Ex. Common cold, Pneumonia, TB.

Water borne diseases:

The infectious agents spread through water.

Ex. If excreta of a cholera infected patient gets mixed with drinking water, the people consuming the water might also get the disease and the transmission is mainly due to unsafe supply of drinking water.

Sexually Transmitted Disease or STD:

They are transmitted through sexual contact and they do not spread by mere casual physical contact.

Some STD may transmit if there is a blood to blood contact for example the (AIDS). So often if mother is HIV positive then the baby is also HIV positive. Since there is a blood – blood contact with each other.

However, medicines are now available to prevent this transmission.

Vector Borne Diseases:

Here Infectious agents are transmitted by animals. So, these animals which transmits disease and act as intermediary are called as vectors.

Ex.

Female mosquito that need nutrient rich blood in order to lay mature eggs. They feed on warm-blooded animals, including us and transmits the disease.

