

Immunology - branch of biomedical sciences deals with response of an organism to challenges and its recognition.

Infectious disease - infectious microorganism

Invade body

contagious disease - spread.

Endemic disease - disease causing in a particular population.

Epidemic disease - disease many people acquire.

Pandemic disease - world wide epidemic

Immunity - recognise and response disposal of foreign materials or non self cells.

Materials that enters the body usually in the form of infectious agents.

- defense mechanism
- Resistance

Resistance may be - natural or acquired.

- By birth / inborn immunity / innate immunity - Natural.

Immune system produces Antibodies or cells that can deactivate pathogens to protect or safeguard our cells from hazardous effects of these agents, our body is blessed with a defense mechanism in the form of immune system.