

c) Insects works as vectors of parasites.

d) For eg. : Malarial parasite causes malaria.

* Bacterial diseases and their pathogens:-

Typhoid	<i>Salmonella typhi</i>
Pneumonia	<i>Streptococcus pneumoniae</i> & <i>Haemophilus influenza</i>
Dysentery	<i>Shigella dysenteriae</i>
Plague/ Black death	<i>Yersinia pestis</i>
Diphtheria	<i>Corynebacterium diphtheriae</i>
Polio	<i>Enterovirus (Poliovirus)</i>
Tetanus	<i>Clostridium tetani</i>

*Viral diseases and their pathogens:-

Common cold	<i>Rhino virus and Corona virus</i>
Dengue	<i>Flavi-Ribo virus</i> and Transmitted through Aedes Mosquito.
Chikungunya	<i>Chikungunya virus.</i>

*Protozoan diseases and their pathogens:-

Malaria	<i>Plasmodium</i> and transmitted by female Anopheles mosquito.
Amoebiasis or amoebic dysentery	<i>Entamoeba histolytica</i>

*Helminthes diseases and their pathogens:-

Ascariasis	<i>Ascaris (Round worm)</i>
Filariasis (Elephantiasis)	<i>Wuchereria bancrofti</i> & <i>W. malayi</i>

*Fungal diseases and their pathogens:-

Ringworms	<i>Microsporum, Trichophyton & Epidermophyton.</i>
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Given below are some infectious disease:-

Sr.no	Name of the disease	Information	Mode of transmission	Signs and symptoms	Prevention
1)	Typhoid	i) Common infectious disease caused by <i>salmonella typhi</i> which is a gram negative bacteria. ii) These causes typhoid or enteric fever in humans. iii) The bacterium has outer lipopolysaccharide (LPS) which protect it from	It is transmitted through faeces of infected person through contaminated hands and through flies. Poor sanitation is also	Sustained high fever (39deg C-40deg C). Weakness, stomach pain, headache, constipation, & loss of appetite. Intestinal perforation and death may occur	It can be prevented by oral vaccine Ty21a.