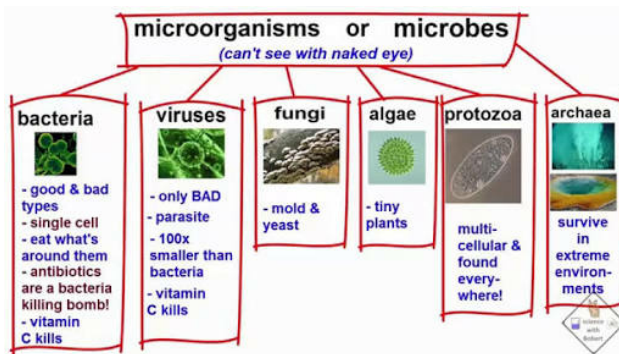


Class -8

subject - science

Part - 3

## Type of microorganisms



Some pathogenic disease and Method of infection.

Pathogen	Disease	Method of Infection	Symptoms
Protozoa	Malaria	Through <i>anopheles</i> mosquitoes	Shivering, high fever for over a long time
Bacteria	Cholera	Through water or food	Vomiting, severe diarrhoea
	Tuberculosis	Through air or water droplets	Coughing, weight loss
Fungi	Ringworm	Through physical contact, e.g. sharing of towel	Red itchy spots on skin
	Tinea	Through physical contact, e.g. sharing of towel	White itchy spots on skin
Viruses	AIDS	Through blood transfusion, sexual contact	Crippled immune system and weight loss
	Common cold	Through air	Sore throat, runny nose
	Hepatitis B	Through blood transfusion, sharing of contaminated needles	Yellowish white eye, severe pain below the rib cage
	Dengue Fever	Through <i>Anopheles</i> mosquitoes	Red spots on skin, joint and muscle pain

Question 1.

## Learn following questions

Q.1 Name the groups in which microorganisms are broadly classified.

Answer: Microorganisms are broadly classified in four groups:

bacteria

fungi

protozoa

algae

Q.2 Name the type of microorganism that is smaller than bacteria.

Answer: Virus

Q. 3) Write the name of a bacterium that helps in the formation of curd.

Answer: Lactobacillus

Q.4. Write a use of yeast.

Answer: Yeast is used in the production of alcohol, wine, beer and other beverages.

Q.5. What does yeast produce during respiration?

Answer: Yeast produces carbon dioxide gas during respiration.

Q.6 What are pathogens? Write another name of pathogens.

Answer: Disease-causing microorganisms are known as pathogens. They are also called germs.

Q.7. Define food preservation.

Answer: Food preservation is the method of preserving food from being spoiled by the microbes.

Q.8. Write the names of any two antibiotics.

Answer: Streptomycin

Erythromycin

Q.9. Who discovered the vaccine for small pox?

Answer: Edward Jenner

Q. 10. What is fermentation?

Answer: Fermentation is the process of conversion of food into alcohol.