

BORDERLINE OF LIVING AND NON-LIVING

VIRUS

They reproduce only inside the cells of the host organism, which may be a bacterium, plant or animal

Common ailments like cold, influenza (flu) and most coughs are caused by viruses. Serious diseases like polio and chickenpox.

They can survive under all types of environment, ranging from ice cold climate to hot springs and deserts to marshy lands.

HABITAT

USEFUL MICROORGANISM

MAKING OF CURD AND BREAD

COMMERCIAL USE OF MICROORGANISMS (ALCOHOL AND WINE)

MEDICINAL USE OF MICROORGANISMS

VACCINES

INCREASING THE SOIL FERTILITY

CLEANING THE ENVIRONMENT

MICROORGANISMS - FRIEND AND FOE

CLASSIFICATION OF MICROORGANISMS

Lactobacillus

Penicillium

Spirogyra

Amoeba

BACTERIA

FUNGI

ALGAE

PROTOZOA

The organisms which can not be seen through naked eye. Ex. Bacteria.

NITROGEN CYCLE

FOOD PRESERVATION

CHEMICAL METHOD

STORAGING AND PACKAGING

OIL AND VINEGAR

HEAT AND COLD TREATMENT

SALT AND SUGAR

FOOD POISONING
(DUE TO TOXINS PRODUCED BY MICROBES)

HARMFUL MICROORGANISM

DISEASE CAUSING MICROBES IN HUMANS
Ex. Cholera

DISEASE CAUSING MICROBES IN ANIMALS
Ex. Anthrax

DISEASE CAUSING MICROBES IN PLANTS
Ex. Citrus Canker

COMMUNICABLE DISEASES (AIR, WATER, FOOD, INSECTS, DIRECT CONTACT, CUTS AND WOUNDS)