Practical No. 9

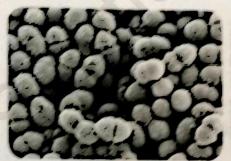
Aim: To study the characteristics of microbes that are industrially useful.

Apparatus: Compound microscope and permanent slides of any of the following microbes a streptococcus thermophillia, lactobacillus acidophillus, saccharomyces serevisias, acetobacter, aspergillus oryzae.

Procedure:

- Select any four permanent slides among the above available in your laboratory. Observe
 them under compound microscope and note their characteristics.
- 2. Find out industrial application / use of each.

Figure:



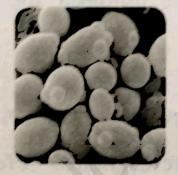
streptococcus thermophillis



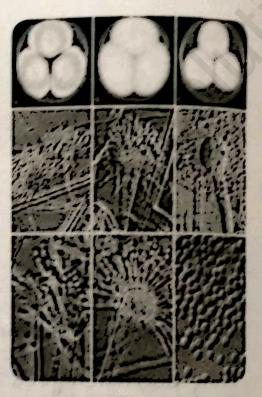
lactobacillus acidophillus



acetobacter



saccharomyces serevisiae



aspergillus oryzae

Observation:

Sr.No	Name of the microbe	Туре	Charateristics
1	Acidophillus	Bacteria	octive bacteria
2	Streptococus thermophillis	Bacteria	form Lactic acid
3	acetobacter	Bacterio	used to control ocid rain
4	sacchiomyces	Bacteria	vinegar production
5			