

S.Y.B.A. (Home-Science) - III Semester

Practical on Microbiology (CORE Elective paper -CE 206)

PRACTICALS

➤ Unit – 1

- To understand compound microscope and its parts.
- Preparation of bacterial slide and staining from curd.

➤ Unit- 2

- Classification of bacteria by chart
- Study of amoeba and paramecium by slide .

➤ Unit- 3

- Enumeration of bacteria by
- Direct microscopic count
- Methylene blue reduction test of milk

➤ Unit -4

- Preparation of dilution blanks and media
 1. Preparation of phosphate buffer
 2. Nutrient ager media
 3. Reconstitution of dehydrated media for yeast and mould

➤ References

1. Experimental Microbiology – volume 1 & 2
By Rakesh J. Patel
By Kiran R. Patel
Adity Prakashan , Ahmedabad.