DPP-2953
First Year B. Sc. (Medical Technology) (Sem. II) Examination
March / April - 2016
MT-04 : Introduction to Microbial Diversity

Time : Hours] [Total Marks : 50

Instruction :

Fill up strictly the details of signs on your answer book.

Name of the Examination:
First Year B. Sc. (Medical Technology) (Sem. II)

Name of the Subject:
MT-04 : Introduction to Microbial Diversity

Subject Code No.: 2 9 5 3 Section No. (1, 2,...): Nil

1 Answer the following : 8
(1) Give the general characteristics of Fungi.
(2) Define: Taxonomic hierarchy.
(3) What is the contribution of Antony Leeuwenhoek?
(4) Difference between encystment and excystment.

2 Attempt any two of the following: 14
(1) Explain in detail about Actinomycetes.
(2) Give the structural detail of Eukaryotic cell.
(3) Write a note on 'Origin of Microorganisms'.

3 Attempt any two of the following: 14
(1) Discuss the metabolism and catabolism of Chlamydia.
(2) Discuss the Genotypic characteristics of microorganisms.
(3) Discuss about the Microbial world and its classification.

4 Write short notes on any two of the following: 14
(1) Nucleic acid Hybridization
(2) Clinical significance of protozoa
(3) Mycoplasma.