



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 :

नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
First Year B. Sc. (Medical Technology) (Sem. II)	<input type="text"/>
Name of the Subject :	<input type="text"/>
MT-04 : Introduction to Microbial Diversity	<input type="text"/>
Subject Code No. : <input type="text"/> 2 <input type="text"/> 9 <input type="text"/> 5 <input type="text"/> 3	Section No. (1, 2,.....): <input type="text"/> Nil
Student's Signature	

- 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.