

FACULTY OF SCIENCE
B.Sc. I-Semester (CBCS) Examination, December 2016

Subject : Botany

Paper – I : Microbial Diversity of Lower Plants

Time : 3 Hours

Max. Marks: 80

PART – A (5 x 4 = 20 Marks)
(Short Answer Type)

Note : Answer any FIVE of the following questions.

- 1 Hormogonia
- 2 Economic importance of Lichens.
- 3 TMV
- 4 Little leaf of Brinjal
- 5 Cap cell
- 6 Tetrasporophyte
- 7 Yeast cell structure
- 8 Compost

PART – B (4 x 15 = 60 Marks)
(Essay Answer Type)

Note: Attempt ALL the questions.

- 9 (a) Give an account of Actinomycetes.
OR
(b) Describe the cyanophycean cell structure and its economic importance.
- 10 (a) Describe the transmission methods of plant viral diseases.
OR
(b) Give an account on the economic importance of Bacteria.
- 11 (a) Describe the life history of chara.
OR
(b) What is the importance of alternation of generation? Describe the life history of *Ectocarpus*.
- 12 (a) Describe the life history of *Albugo*.
OR
(b) Write an account on the economic importance of Fungi.
