

[Total No. of Printed Pages: 2

Roll No.....

BOT-501

Biology and Diversity of Viruses,

Bacteria and Fungi

M.Sc. BOTANY (MSCBOT- 12/13/16/17)

First Year, Examination, 2019

Time: 03 Hours

Max. Marks: 80

Note: This paper is of Eighty (80) marks, divided into two (02) sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION-A

(Long-Answer-Type Questions)

Note: Section 'A' contains five (05) long-answer-type questions of fifteen (15) marks each. Learners are required to answer any three (03) questions.

(3×15=45)

1. Describe classification of viruses.
2. Describe economic importance of bacteria.
3. Give classification of fungi.

4. Write in detail about fungi in agriculture and forestry.
5. Describe characteristics and classification of Deuteromycotina.

Section-B

(Short Answer Type Questions)

Note: Section 'B' contains eight (08) short-answer type questions of seven (07) marks each learners are required to answer any five (05) question only.

(5×7=35)

1. Describe transmission of viruses.
2. Describe isolation of viruses.
3. Describe characteristics of eubacteria.
4. Describe mycoplasma.
5. Describe nutrition in fungi.
6. Describe heterothallism in fungi.
7. Give characteristics of mastigomycotina.
8. Write in short on fungi as food.

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Section-B

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