

Roll No.

Y – 3154

M.Sc. (Botany) Fourth Semester EXAMINATION,

May/June-2021

Paper – E-05

PLANT PATHOLOGY AND MYCOTOXICOLOGY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. Give the detailed account of classification of plant diseases. 17

Unit-II

2. Explain the phytoalexins and R.P. Protein in detail and their role in plant pathogenesis. 17

Unit-III

3. Give the detailed account of integrated disease management with suitable examples. 17

Unit-IV

4. Give the historical detailed account of mycotoxins and mycotoxic fungi. 17

Unit-V

5. Give the detailed account on any two of the following— 17
- (a) Alternaria toxins.
 - (b) Fusarium toxins.
 - (c) Mushroom toxins.
 - (d) Algal toxins.

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