Roll	No.		
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Total No. of Questions: 11 ]

[ Total No. of Printed Pages : 3

## **BPF-2183**

## M.Sc. (Final) Examination, 2022 BOTANY

Paper - VIII (a)

## (Advanced Plant Pathology-II)

Time: 3 Hours [ Maximum Marks: 75

Section-A (Marks:  $2 \times 10 = 20$ )

**Note**: Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B (Marks:  $5 \times 5 = 25$ )

Note: Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

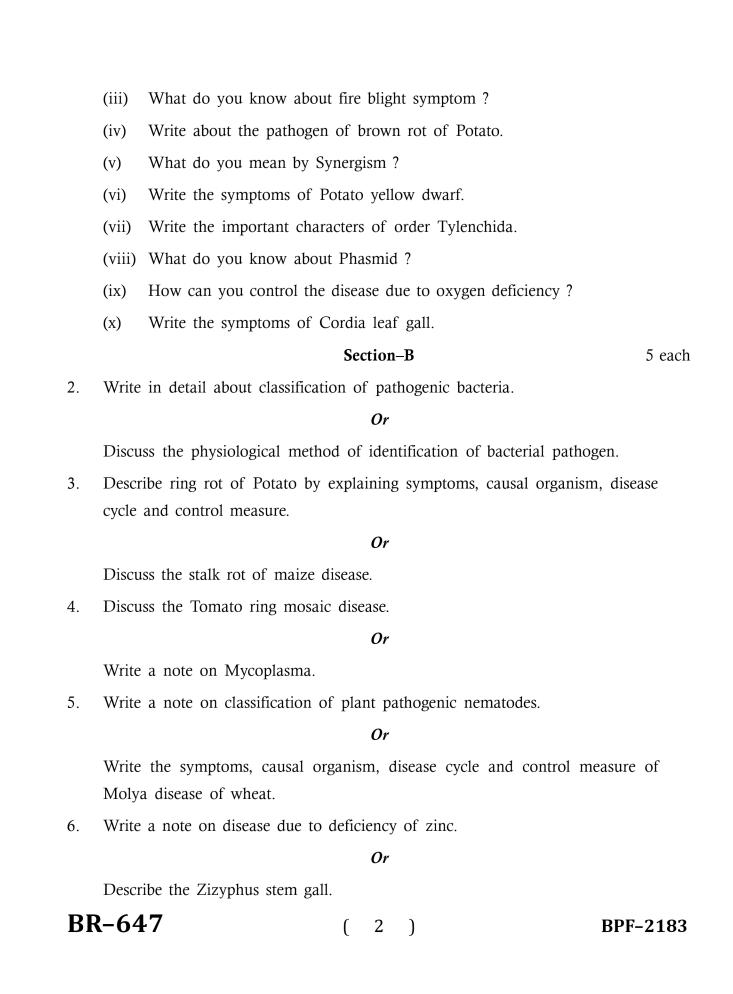
Section–C (Marks:  $10 \times 3 = 30$ )

**Note**: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section–A 2 each

- 1. Answer in short:
  - (i) Differentiate the blight and blast symptoms.
  - (ii) Give an example of purple non-sulphur bacteria.

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**Section–C** 10 each

- 7. Describe in detail the infection mechanism of bacterial pathogens.
- 8. Describe symptoms, causal organism, disease cycle and control measure of angular leaf spot of cotton.
- 9. Give an illustrated account on symptomatology of viruses.
- 10. Describe in detail the anatomy of plant pathogenic nematodes.
- 11. Describe the classification and anatomy of galls.

5+5

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