No.	:	
	No.	No. :

Total No. of Questions: 11]

[Total No. of Printed Pages : 3

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M.Sc. (Final) Examination, 2022 BOTANY

Paper - VII(a)

(Advanced Plant Pathology-I)

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 limit200 words). Each question carries 5 marks.

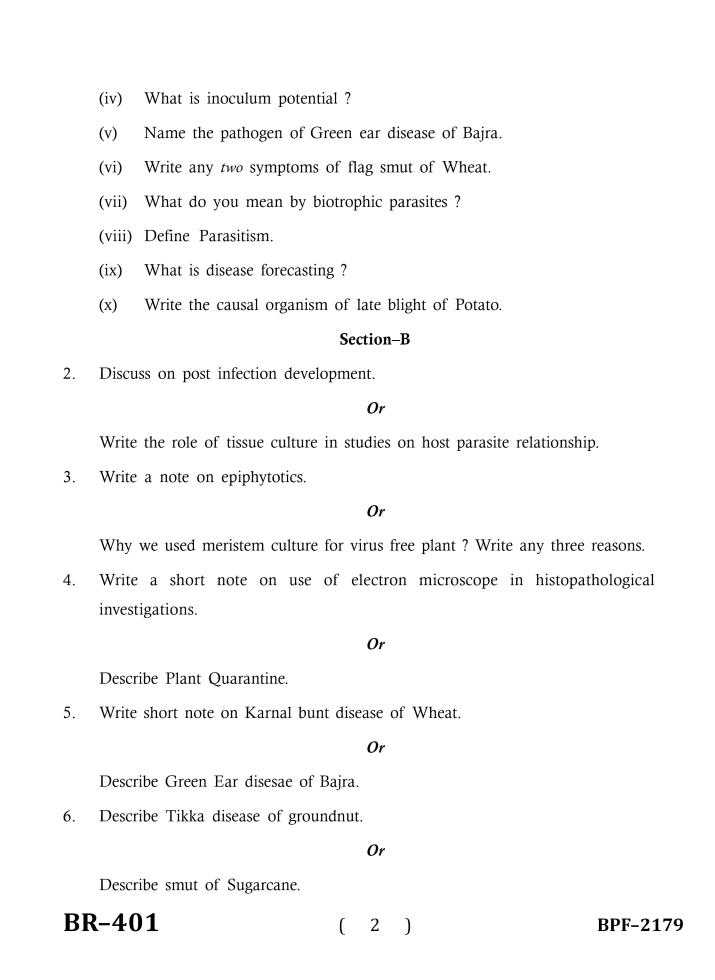
Section–C (Marks: $10 \times 3 = 30$)

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

Section-A

- 1. (i) Name any four fungicides.
 - (ii) What is pre-penetration phase of infection?
 - (iii) Define Phytoalexins.

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Section-C

- 7. Describe defence mechanism.
- 8. Describe physical and biological control of plant diseases.
- 9. Describe the following:
 - (a) Covered Smut of Barley
 - (b) Smut of Bajra
- 10. Explain the following in detail:
 - (a) Early blight of Potato
 - (b) Powdery misdew of grapes.
- 11. Write a detailed note on Isolation Purification and Culture of Pathogens.