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SVIS-N-122-B-21

B.Sc. VI Semester Degree Examination

BOTANY

Plant Pathology And Plant Protection

Paper : DSE-3

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Answer ALL the Questions.
- 2) Draw the diagram wherever necessary.

I. Answer any TEN of the following in two or three sentences. (10×2=20)

1. What is Pathogenesis? ✓
2. Define Inoculum. ✓
3. Give the composition of Bordeaux mixture.
4. Cite the name of two plant diseases caused by virus. ✓
5. Define Hypersensitivity. ✓
6. Differentiate between Pandemic and Endemic disease. ✓
7. What is Citrus Canker? ✓
8. Define disease triangle. ✓
9. What is Soil Solarization?
10. What is Commensalism? Give an example.
11. Mention any two systemic fungicides. ✓
12. Define Proto Co-operation. Give an example.

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(1)

[Contd....

II. Answer any **FOUR** of the followings in brief.

(4×5=20)

13. Explain the Koch's Postulates.
14. Write a note on Classification of fungicides. ✓
15. Write a note on leaf curls of Papaya. ✓
16. Explain the Sandal Spike Disease. ✓
17. Discuss briefly the microbial interaction in Plants. ✓
18. Explain the symptoms causal organisms etiology and control measures of Grain's rust of Sorghum disease.

III. Answer any **FOUR** of the followings.

(4×10=40)

19. What is Biopesticide? Explain in detail its advantages and disadvantages. ✓
20. Describe with neat labelled diagram stem rust of wheat.
21. Explain the causal organism, symptoms, etiology and control measures of wilt disease of Pigeon Pea.
22. Write a note on Bunchy top of banana and Angular leaf spot of Cotton. ✓
23. Write a note on: ✓
 - a) Insecticides.
 - b) Weedicides.
24. Explain the chemical methods of plant disease control.

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