2026

M.Sc. 2nd Semester Examination

BOTANY

Paper : BOTC454X0

[Plant Pathology]

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Full Marks : 25 Time : One Hour

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any ***two*** questions : 2×2=4

1. What is a phytosanitary certificate?
2. Name the causal organism of crown gall disease.
3. What is DIPA?
4. Who coined the terms 'compound interest' and 'simple interest' diseases and in which year?

Group - B

Write short notes on any ***two*** of the following : 4×2=8

5. Benedict Prevost

P.T.O.

6. Role of gibberellins and cytokinins in plant pathogenesis
7. Anthracnose of jute
8. Disease pyramid

Group - C

Answer any ***one*** question : 8×1=8

9. Discuss in detail about the symptoms and control measures of blast disease of rice and wilt disease of pigeon pea. 4+4
10. Write down the concept of direct penetration. 8

[Internal Assessment : 5 marks]

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