

2009

M.Sc.

1st Semester Examination

BOTANY

PAPER—VI

(PRACTICAL)

Full Marks : 50

Time : 5 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all questions.

- 1. Prepare a slide of the supplied specimen A/B using Gram stain. Give a labelled diagram of it and comment. 10**

Or

Prepare a slide of the supplied curd sample. Give a labelled diagram of it and comment. 10

*(Principle - 2, Procedure - 2, Work - 3,
Drawing - 2, Comment - 1)*

- 2. Stain the endospores of the supplied specimen C/D. Give a labelled diagram of it and comment. 10**

*(Principle - 2, Procedure - 2, Work - 3,
Drawing - 2, Comment - 1)*

(Turn Over)

3. Make a suitable preparation of the supplied specimen E.
Draw, label, describe and identify the genes. 10
 4. Process the given root sample to show V-a-mycorrhiza.
Draw and comment. 6
 5. Laboratory Note Book. 7
 6. Viva Voce. 7
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