

2025

**M.Sc. in Agriculture 1st Semester
Examination**

GENETICS AND PLANT BREEDING

Paper : GPB-501

[Principles of Genetics]

(Practical)

Full Marks : 30

Time : Three Hours

The figures in the margin indicate full marks.

1. Isolate the DNA from the supplied sample 'A' and check the quality of DNA through Gel electrophoresis. 9
 2. Perform the experiment on biometry of supplied seed lot B1/B2/B3/B4. Calculate the goodness of fit through chi square method. 6
 3. Laboratory Notebook 5
 4. Viva-voce 10
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