

2025

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

GENETICS AND PLANT BREEDING ()

Paper : GPB-504

**[Varietal Development and Maintenance Breeding]
(Practical)**

Full Marks : 30

Time : Three Hours

The figures in the margin indicate full marks.

1. Identify the objectionable weeds on agricultural field in an area of 1 meter $\times$ 1 meter size. 10
2. Write down the minimum isolation distance for foundation seed production of following crops : 5
 - (i) Rice
 - (ii) Hybrid maize
 - (iii) Sunflower
 - (iv) Carrot
 - (v) Sorghum
 - (vi) Cotton

P.T.O.

(vii) Triticale

(viii) Potato

(ix) Tomato

(x) Soybean

3. Laboratory Notebook 5

4. Viva-voce 10
