



M.Sc. Semester-I Examination, 2023
(AGRICULTURE) IN GENETICS AND PLANT BREEDING
PAPER: GPB 504 (PRACTICAL)
(VARIETAL DEVELOPMENT AND MAINTENANCE BREEDING)

Full Marks: 30

Time: 3 Hours

1. Answer the following questions:

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| A. Identify the given samples of objectionable weeds. | 5 |
| B. Seed viability test of the given sample. Write down minimum isolation distance for foundation seed production of following crops. | 10 |
| i. Rice | |
| ii. Hybrid maize | |
| iii. Sunflower | |
| iv. Carrot. | |
| v. Sesame | |
| vi. Cotton | |
| vii. Brinjal | |
| viii. Potato. | |
| ix. Tomato. | |
| x. Soybean. | |
| 2. Laboratory note book. | 5 |
| 3. Viva-voce. | 10 |
