

Botany (P.G.)**[CBCS]****M.Sc. Third Semester End Examination-2023****(Regular & Supplementary Paper)****PAPER-305A****[Practical]****Full Marks: 25****Time: 02 Hrs***The figures in the right hand margin indicate marks**Candidates are required to give their answers in their own words as far as practicable**Illustrate the answers wherever necessary***[Cell Biology, Genetics & Biotechnology]**

- 1) Perform the following experiment with the supplied specimen and show at least two divisional stages. 8

[Slide preparation and stage finding – 4, Procedure – 2, Identification of stage – 2]

- 2) Solve any one of the following problems as instructed by the internal examiner. 6

After observing the following number of seeds test the goodness of fit and comment.

- a) Yellow seeds – 39

Red seeds – 26

(2)

- b) Yellow seeds – 67
Red seeds - 14
- c) Yellow seeds – 81
Red seeds - 12
- d) Yellow seeds – 129
Red seeds - 105
- 3) Identify the following – 1 x 3
X, Y, Z.
- 4) Viva – voce 4
- 5) Lab Note Book 4