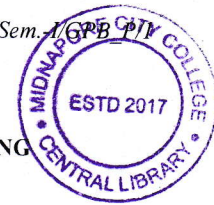


M.Sc. Semester-I Examination, 2023
(AGRICULTURE) IN GENETICS AND PLANT BREEDING
PAPER: GPB 505 (PRACTICAL)
(PRINCIPLES OF CYTOGENETICS)



Full Marks: 30

Time: 3 Hours

Answer the following question.

1. Make a suitable preparation of the supplied specimen 'A' following the suitable staining procedure. Identify two stages of cell division and calculate the mitotic index.
(Preparation of slide: 3; Drawing: 3; Calculation: 2; Comment: 2) 10
2. Make a suitable preparation of the supplied specimen 'B' and 'C' and compare the viability percentage.
(Preparation of slide:2; Description:2; Comment:1) 5
3. Laboratory note book and attendance. 5
4. Viva-voce. 10
