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**PG CBCS**  
**M.Sc. Semester-IV Examination, 2022**

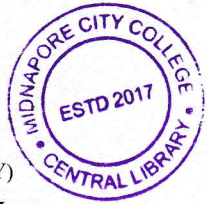
**BOTANY**

PAPER: 495B (SPL PRC)

**(CYTOGENETICS, MOLECULAR BIOLOGY & BIOTECHNOLOGY)**

**Full Marks: 50**

**Time: 3 Hours**



1. Make a comparative study of supplied specimen A (control) and B (treated) mitotic index and abnormality percentages. 6+6=12
2. Draw, label and represent the karyotype and karyogram of sample. (Draw: 2; Label: 2; Karyotype: 4; Karyogram:4) 12
3. Draw, label and describe two stages of following sample D. 12  
(Draw: 2; Label:2; Description:4+4)
4. Laboratory note book 6
5. Viva-voce 8

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