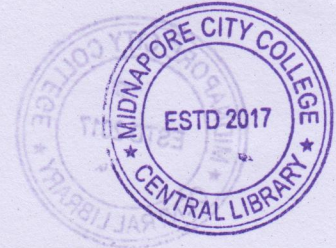


PG (NEW) CBCS
M.Sc. Semester-I Examination, 2018
ZOOLOGY
PAPER: ZOO-196
PRACTICAL



(Immunology, Methods in Biology, Cell Biology & Cytogenetics)

Full Marks: 50

Time: 5 Hours

1. Make a stained preparation of macrophage from the specimen provided.
Comment on your observation. 7+3=10

2. Write the principle and protocol (stepwise) of gel electrophoresis. 5

3. a) Make a cytological preparation of the chromosome from the specimen supplied. Draw a labeled diagram of you observation. 7+3=10

b) Explain the results given with genotype analysis. 5

4. a) Stain the mitochondria in the sample provided. 7

b) Identify the stages of cell division with reasons. (Sample A.) 3

5. Laboratory Note Book. 5

6. Viva-Voice. 5
