

2022

1st Semester Examination

ZOOLOGY

Paper : ZOOOL 196

(Practical)

Full Marks : 50

Time : Five Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

1. Make a stained preparation of macrophage from the peritoneal fluid of supplied specimen.
Draw, label and comment on your observation. 8+2
 2. Make a cytological Preparation of polytene chromosome from the 3rd instar larva of *Drosophila*. Draw and label the same. 10+4
 3. Explain the genotype of the cross from *Drosophila melanogaster*. 6
 4. Stain mitochondria in the sample provided. Write down the procedure and draw the stained mitochondria. 6+2+2
 5. Laboratory Note Book. 5
 6. Viva-voce. 5
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