

**M.Sc. 2nd Semester Examination, 2023**

**ZOOLOGY**

**[ Practical ]**

**PAPER – ZOO-296**

*Full Marks : 50*

*Time : 5 hours*

**Answer all questions**

*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*

1. Isolate DNA from sample provided, estimate it by spectrophotometer. Write down the procedure. 9 + 3
2. Make a stained preparation of the sample provided following standard protocol. Observe under microscope and comment on your observation. 7 + 2

3. Identify the provided specimens (A, B, C) with reasons. Mention the phylum and class characters. Write the systematic position of the specimen. 3 × 3
  4. Submission of Field Report. 10
  5. Laboratory Note Book. 5
  6. Viva-voce. 5
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