

2022

M.Sc.

2nd Semester Examination

ZOOLOGY

PAPER—ZOO-296

(Practical)

**BIOSYSTEMATICS, MOLECULAR BIOLOGY,
PARASITOLOGY & BIOPHYSICS**

Full Marks : 50

Time : 5 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. Isolate DNA from the provided sample following standard protocol. Write down the procedure of DNA isolation. 10+3
2. Make a stained preparation of the sample collected from supplied specimen. Write the procedure in brief. Draw, label and comment on your observations. 7+4+2

(Turn Over)

3. Identify the provided specimen (A, B, C) with reasons. Write the systematic position. 3×3
 4. Prepare a taxonomic key with the given instruction. 5
 5. Laboratory Note Book. 5
 6. Viva-voce. 5
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