

2025

M.Sc. 3rd Semester Examination

ZOOLOGY

Paper : ZOO-309C

(Genetics and Molecular Biology Practical-I)

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

Answer all the questions.

1. Isolate DNA from the blood sample provided, prepare an agarose gel, run the DNA through the gel, and observe the results. Document the procedure and provide comments on your findings. 5+5+5
 2. Isolate plasmid DNA from the bacterial culture sample. Prepare an agarose gel, run the DNA through the gel, and observe the results. Document the procedure and provide comments on your findings. 5+5+5
 3. Submission of report on Research Institute / Laboratory visit. 10
 4. Submission of Laboratory Notebook. 5
 5. Viva-voce. 5
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