

2025

M.Sc. 1st Semester Examination

BIOTECHNOLOGY

Paper : BITC402X8

[Cell Biology and Genetics]

(Practical)

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.

Answer *all* the questions.

1. Prepare a slide from supplied sample to demonstrate two mitotic stages. Write down the principle and comment on your findings.
[Principle-2, Demonstration-3, Comment-2] 7
 2. Prepare a blood smear from your own blood and identify two different WBCs. Draw the structure and write the properties of the cells.
[Principle-2, Work-3, Drawing-2, Comment-1] 8
 3. Viva-voce 5
 4. Laboratory Notebook 5
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