

Total No. of Printed Pages: 02

SUBJECT CODE NO: - Y-2035
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) F.Y. (SEM I)
Examination April / May - 2024
Zoology Paper-II Cell Biology



[Time: 01:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) Illustrate your answers with Suitable labelled diagram.

Q.1 Define mitosis. Describe in detail Stages of mitosis. **20**

OR

Give an account of structure and functions of mitochondria.

Q.2 What is cancer? Describe in detail Cytology of cancer. **20**

OR

Write short notes. (any four)

- a) Plasma membrane.
- b) Cell cycle
- c) Nucleus
- d) t - RNA
- e) Eye piece of microscope
- f) Staining.

Q.3 Select and write correct answer from the given alternative in each Subquestion. **10**

- 1) Which of the following structure is not round in a prokaryotic cell?

a) Plasma membrane	b) Nuclear envelope
c) Ribosome	d) Cell wall

