



ED-331

M.Sc. 1st Semester
Examination, March-April 2021

BIOTECHNOLOGY

Paper - I

Cell Biology

Time : Three Hours] [*Maximum Marks* : 80

Note : Answer **all** questions in which Question Number 1 is compulsory. All questions carry equal marks.

1. Write short notes on the following :
 - (a) Desmosomes
 - (b) Fluid-mosaic Model
 - (c) Chromosome types
 - (d) Translation factor

Unit-I

2. Explain about different types of cell junctions.

OR

Write about structure and function of plasma membrane.

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(Turn Over)

(2)

Unit-II

3. Describe the Apoptosis.

OR

Write note on receptor mediated endocytosis

Unit-III

4. Explain about cell signalling receptors.

OR

Write note on chromosome.

Unit-IV

5. Explain about Eukaryotic biosynthesis of protein.

OR

Write notes on the following :

(a) Development of Drosophila

(b) Temporal regulation of gene expression