

B.Sc. Semester - 1 (NEP-2020) Examination

OCT/NOV-2024

BIT : Introduction to Biotechnology (Major-2)

Time: 2:00 Hours

Marks: 50

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que-1 Define Biotechnology? Explain application of biotechnology in Various field. (10)

OR

Que-1 Describe current status of Biotechnology. Explain rDNA technology in detail.

Que-2 Draw a label diagram of animal cell and explain cell evolution. (10)

OR

Que-2 Draw a lable diagram of virus cell and explain.

Que-3 Explain in detail about Power house of the cell. (10)

OR

Que-3 Write a detail note on Ribosomes and Endoplasmic Reticulum.

Que-4 Describe cell cycle and its regulation in detail. (10)

OR

Que-4 Explain in detail about meiosis with diagram.

Que-5 (A) write a note on ultrastructure of chromosome. (05)

(B) Mitosis. (05)

OR

Que-5 (A) Chloroplast (05)

(B) Golgi Bodies (05)
