

1/101

2604E217

Candidate's Seat No : _____

BSc (NEP) Semester-2 Examination

DSC-M-123 T

Biotechnology

April-2024

Time : 1-00 Hours]

[Max. Marks : 25

Answer the following

- 1 (a). Discuss the principles of Biotechnology. 5
(b). Explain ethical and social issues in Biotechnology. 5

OR

- 1 (a). Write about cell theory. 3
(b). Describe similarities and differences of prokaryotic and eukaryotic cells. 7

- 2 (a). Explain in brief structure and function of bacterial cell wall. 5
(b). Discuss Fluid Mosaic model. 5

OR

- 2 (a). Describe cytoskeleton structure and functions. 7
(b). Write about structure of Fungal cell wall. 3

3. Answer any five of the following: 5

1. What are Kinetosomes?
 2. Define phagocytosis.
 3. Give two alternative names of cell membrane.
 4. Name the bodies involved in regulation of Indian Biotechnology industries.
 5. What are Archaea? Give an example.
 6. Name two scientists and their contribution in Biotechnology.
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