

B.Sc. (FS) Semester - 2 (NEP-2020) Examination**MARCH/APRIL-2025****General Principles of Biology/Bio-Chemical Analysis (Major-4)****Time: 2 Hours****Marks:50****Instructions:**

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

-
- | | | |
|--------------|---|-------------|
| Que.1 | Answer any one in details. (Any one) | (10) |
| | 1) Write a note on pH. | |
| | 2) Describe Buffer solution. | |
| Que.2 | Answer any one in details. (Any one) | (10) |
| | 1) Write a note on Centrifuge. | |
| | 2) Explain Preparative Centrifugation. | |
| Que.3 | Answer any one in details. (Any one) | (10) |
| | 1) Describe briefly: DNA & RNA. | |
| | 2) Explain: Lipid and its classification. | |
| Que.4 | Answer any one in details. (Any one) | (10) |
| | 1) Explain White blood cell & its types. | |
| | 2) Explain : Blood function, Platelets & blood vessels. | |
| Que.5 | Answer any one in details. (Any one) | (10) |
| | 1) Write about Protein structure. | |
| | 2) Explain types of platelet & RBC disorders. | |
