

B.Sc. (FS) Semester - 2 (NEP-2020) Examination

JUNE – 2024

General Principles of Biology/Bio-Chemical Analysis (Major-4)

Time: 2:00 Hours

Marks: 50

Instructions:

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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Que.1 Answer the following question: (Any One) (10)

- (1) Write a note on pH and explain pH meter in brief.
- (2) Explain & write a note on Buffer Solution.

Que.2 Answer the following question: (Any One) (10)

- (1) Write a note on Density Gradient Centrifugation.
- (2) Briefly explain the Types of Centrifuges.

Que.3 Answer the following question: (Any One) (10)

- (1) Explain the term DNA & RNA briefly.
- (2) Write a note on 'Protein'.

Que.4 Answer the following question: (Any One) (10)

- (1) Write a brief note on White blood Cells with its types.
- (2) Describe the term Blood Vessel & its types.

Que.5 Answer the following question: (Any One) (10)

- (1) Explain the term Carbohydrate with its classification.
- (2) Write a brief description of principles of centrifugation.
