

B.SC(IT) Semester - 6 (NEP-2020) Examination**March/April-2026****Introduction to Cloud Computing (Ability Enhancement Course)****Time: 1:00 Hours****Marks:25****Instructions:**

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

Que.1 Attempt the following (Any Two) (10)

- 1) Explain various characteristics of Cloud Computing.
- 2) Explain in detail with use cases: Hybrid Cloud.
- 3) List various Cloud Service Models. Explain Any One.
- 4) Explain in detail: Data Centre Infrastructure.

Que.2 Attempt the following (Any Two) (10)

- 1) Differentiate between Virtual Machine and Container.
- 2) List various Cloud Providers. Explain any one in detail.
- 3) Explain the applications of Cloud Computing in business.
- 4) Write short notes on: Serverless Computing.

Que.3 Attempt the following (Any One) (05)

- 1) Explain various benefits and limitations of Cloud Computing.
- 2) Explain the concepts and types of Hypervisors.
