

B.SC(IT) SEMESTER - 1 (NEP-2020) Examination**OCT/NOV-2025****Computer Fundamentals & Emerging Technology (Multidisciplinary course)****Time: 2:00 Hours****Marks:50****Instructions:**

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

Que.1 Attempt following questions. (Attempt any Two) (10)

1. What is Computer? Explain characteristics of computer in detail.
2. Explain Mainframe and Super Computer in detail.
3. Explain types of RAM in detail.
4. Write note on Motherboard.

Que.2 Attempt following questions. (Attempt any Two) (10)

1. Explain Daisy Wheel Printer in detail.
2. Write note on OMR and OBR.
3. Explain LCD and LED in detail.
4. Explain Touch Screen and Trackball input devices in detail.

Que.3 Attempt following questions. (Attempt any Two) (10)

1. Explain storage mechanism of Magnetic Storage Devices.
2. Explain Floppy Disk in detail.
3. Write note on Blu-Ray Disk.
4. Write note on Cloud Storage.

Que.4 Attempt following questions. (Attempt any Two) (10)

1. Explain types of Computer Languages in detail.
2. Explain Batch Operating system in detail.
3. Explain compiler and Interpreter in detail.
4. Write short note on BCD.

Que.5 Attempt following questions. (Attempt any Two) (10)

1. Explain types of Virus in detail.
2. What is Cloud Computing? Explain characteristics of Cloud Computing in detail.
3. Write note on GPS.
4. Write note on WiFi and LiFi technology.
