

B.SC(IT) SEMESTER - 1 (NEP-2020) Examination**OCT/NOV-2024****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.

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| Que-1 | Attempt any two | (10) |
| | <ol style="list-style-type: none">1. What is Computer? Write characteristics of computer.2. Explain classification of computer by its processing capabilities.3. Explain Simple model of computer.4. Write a note on types of cables used in computer. | |
| Que-2 | Attempt any two | (10) |
| | <ol style="list-style-type: none">1. Explain Keyboard and Mouse in detail.2. Differentiate Impact printer v/s Non-impact printer.3. Write a note on scanner.4. Explain CRT monitor. | |
| Que-3 | Attempt any two | (10) |
| | <ol style="list-style-type: none">1. Write a note Magnetic tape.2. Define: Tracks, Sectors3. Write a note on Floppy disk.4. Explain the process of reading and writing data to and from storage devices. | |
| Que-4 | Attempt any two | (10) |
| | <ol style="list-style-type: none">1. Explain types of number systems used in computer,2. Explain types of languages.3. What is Operating System? Write function of OS.4. Write a note on Word processing packages and Graphical packages. | |
| Que-5 | Attempt any two | (10) |
| | <ol style="list-style-type: none">1. Write a note on CDMA2. Discuss: Wi-Fi.3. What is computer virus? How can we protect from viruses?4. Explain architecture of Cloud computing. | |
