

B.C.A Semester – 1 (NEP-2020) Examination**January-2024****Computer Fundamentals & Emerging Technology (MDC)****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 questions (ANY 2) (10)

- (1) Explain Simple Model of Computer.
- (2) Explain memory structure and types of memory.
- (3) Explain generation of computer.
- (4) Explain Classification of Computer by Data Processed.

Que.2 Answer the following questions (ANY 2) (10)

- (1) Explain Impact and Non-impact printer.
- (2) List out types of monitors and explain it.
- (3) List out types of scanners and explain it.
- (4) Explain Keyboard, MIDI Keyboard and Wireless keyboard.

Que.3 Answer the following questions (ANY 2) (10)

- (1) Explain Tracks, Sectors, Clusters and Cylinders in Magnetic Storage Devices.
- (2) Explain USB pen drive and CD.
- (3) Explain Flash Memory and Cloud Storage.
- (4) Explain Floppy disk and Hard disk.

Que.4 Answer the following questions (ANY 2) (10)

- (1) What is KB, MB, GB and TB?
- (2) Explain Uses and applications of different Software Packages.
- (3) Explain Binary to Decimal and Decimal to Binary conversion.
- (4) Explain different types of operating system.

Que.5 Answer the following questions (ANY 2) (10)

- (1) Explain GIS and GPS.
- (2) List out communication devices and explain any one in detail,
- (3) What is virus? Explain types of viruses.
- (4) What is Cloud computing? Explain architecture of Cloud computing.
