

**B.Sc.(IT) Semester - 1 (CBCS) Examination
Jan/Feb.-2022 (OLD COURSE)**

COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY(CORE)

Time: 1:30 Hours

Marks: 42

Instructions:

1. Figures to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any three of the following questions.
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Que-1 (A) Answer following Questions**[04]**

1. ALU stands for
2. Give the Full form of EPROM
3. List different types of Processors.
4. Give the Full form USB

Que-1 (B) Answer Any One**[02]**

1. Explain super computer.
2. What is UPS? Explain in detail.

Que-1 (C) Answer Any One**[03]**

1. What is ROM? Explain different types of ROM.
2. Explain Block Diagram of computer in detail.

Que-1 (D) Answer Any One**[05]**

1. Explain different Generations of Computers.
2. Explain Characteristics of Computer.

Que-2 (A) Answer following Questions**[04]**

1. List any three input devices.
2. OMR stands for
3. Give the Full form OCR.
4. What is seek time?

Que-2 (B) Answer Any One**[02]**

1. Explain keyboard as input device.
2. List various types of scanners. Explain any one in detail.

Que-2 (C) Answer Any One**[03]**

1. Explain different types of Camera.
2. Explain Touch Screen in detail.

Que-2 (D) Answer Any One**[05]**

1. List various input devices. Explain any one in detail.
2. Explain Magnetic Storage Devices.

Que-3 (A) Answer following Questions**[04]**

1. CRT stands for
2. Write full form of LCD.
3. List any three output devices.
4. SGD stands for

Que-3 (B) Answer Any One**[02]**

1. What is Speech Generating Device?
2. Write short note on Google Glass

Que-3 (C) Answer Any One**[03]**

1. Explain CRT display units.
2. Explain Plotters in detail.

- Que-3 (D)Answer Any One** [05]
1. List types of printer. Explain any one in detail.
 2. List various output devices. Explain any one in detail.
- Que-4 (A)Answer following Questions** [04]
1. What is the role of compiler?
 2. Give full name of ASCII
 3. What is Carry Bit?
 4. 1 byte = bits.
- Que-4 (B)Answer Any One** [02]
1. Explain BCD in detail.
 2. $(11011)_2 = (\dots\dots\dots)_{10}$
- Que-4 (C)Answer Any One** [03]
1. List types Translator. Explain any one detail.
 2. Explain Word Processing application software.
- Que-4 (D)Answer Any One** [05]
1. List different types of operating system. Explain any one in detail.
 2. What is language? List types of languages. Explain any one in detail.
- Que-5 (A)Answer following Questions** [04]
1. GPS stands for
 2. Full name of ATM.
 3. Wi-Fi Stands for
 4. What is Saas?
- Que-5 (B)Answer Any One** [02]
1. What is Hard Copy and Soft Copy?
 2. What is Cloud Computing?
- Que-5 (C)Answer Any One** [03]
1. What Backup and Restore.
 2. What are shutdown, reboot and restart?
- Que-5 (D)Answer Any One** [05]
1. List various communication devices. Explain Bluetooth in detail.
 2. What is virus? List and explain types of virus.
