

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

COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY (CORE)

Time: 2:30 Hours

Marks: 70

Instructions:

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

Que-1 (A)	Answer following Questions	[04]
	1. What is Computer? 2. Give the Full form of ROM 3. List different types of Processors. 4. Give the Full form UPS	
Que-1 (B)	Answer Any One	[02]
	1. Explain different types of processor.. 2. What is UPS? Explain in detail.	
Que-1 (C)	Answer Any One	[03]
	1. Explain characteristic of computer. 2. Explain generation of computer.	
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. Full name of DVD. 2. PPM stands for 3. Give the Full form OMR. 4. What is data access time?	
Que-2 (B)	Answer Any One	[02]
	1. Explain mouse as input device. 2. Explain / Touch Screen as input device.	
Que-2 (C)	Answer Any One	[03]
	1. Explain scanners in detail 2. Explain Magnetic Storage Devices.	
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 SGD. 3. List any three output devices. 4. List different types of printer.	
Que-3 (B)	Answer Any One	[02]
	1. Explain LCD as output Device? 2. Write short note on Google Glass	

Que-3 (C)	Answer Any One 1. Explain Speech Generating Device in detail. 2. Explain Plotters in detail.	[03]
Que-3 (D)	Answer Any One 1. List types of printer. Explain any one in detail. 2. List various output devices. Explain any one in detail.	[05]
Que-4 (A)	Answer following Questions 1. What is Interpreter? 2. Give full name of BCD 3. What is Sign Bit? 4. 1 byte = bits.	[04]
Que-4 (B)	Answer Any One 1. Explain BCD in detail. 2. $(11011)_2 = (\dots\dots\dots)_{10}$	[02]
Que-4 (C)	Answer Any One 1. List types Translator. Explain any one detail. 2. Explain Batch Operating System.	[03]
Que-4 (D)	Answer Any One 1. Explain Time Sharing Operating System in detail. 2. Explain different Types of Languages.	[05]
Que-5 (A)	Answer following Questions 1. GIS stands for 2. Full name of GSM. 3. What is virus? 4. Li-Fi stands for	[04]
Que-5 (B)	Answer Any One 1. List Different Communication methods. 2. Explain Optical Fibber.	[02]
Que-5 (C)	Answer Any One 1. What Backup and Restore. 2. What is virus? Explain types of virus.	[03]
Que-5 (D)	Answer Any One 1. List various communication devices. Explain any one in detail. 2. Explain Cloud computing in detail.	[05]
