

B.Sc.(IT) Semester - 1 (CBCS) Examination**Oct/Nov-2023 (Syllabus Year - 2016)****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.
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- Que.1(A) Attempt Following. (04)
1. What is Information?
 2. CPU stands for.
 3. List any three output device?
 4. Define Digital Computer?
- Que.1(B) Attempt any One. (02)
1. Explain Data Processing Cycle.
 2. What is Computer?
- Que.1(C) Attempt any One. (03)
1. Explain Classification of Computer by Data Processed.
 2. Explain Internal Memory in detail.
- Que.1(D) Attempt any One. (05)
1. Explain Generations of Computers.
 2. Explain Simple Model of Computer in detail.
- Que.2(A) Attempt Following. (04)
1. DRAM stands for
 2. List any 3 Types of Processors.
 3. Full name of USB.
 4. Full name of OMR.
- Que.2(B) Attempt any One. (02)
1. Explain Floppy Disk.
 2. Explain Light Pen.
- Que.2(C) Attempt any One. (03)
1. Explain Wireless Devices.
 2. Explain Keyboard as input device.
- Que.2(D) Attempt any One. (05)
1. Explain Types of Magnetic Storage Devices.
 2. Explain different types of Scanners.
- Que.3(A) Attempt Following. (04)
1. Full name of COM.
 2. List any Three output device.
 3. CRT stands for
 4. List types of Printer.
- Que.3(B) Attempt any One. (02)
1. Explain Plotters as output device.
 2. Explain Headphone as output device.
- Que.3(C) Attempt any One. (03)
1. Explain CRT Display Units.
 2. Explain LCD Displays.
- Que.3(D) Attempt any One. (05)
1. Explain Non-Impact Printers in detail.
 2. Explain any two Output Devices in detail.

- Que.4(A) Attempt Following. (04)
1. What is Carry Bit?
 2. Full name of GB.
 3. List types of Languages.
 4. CPU stands for
- Que.4(B) Attempt any One. (02)
1. What is Interpreter?
 2. Explain Spread Sheet Packages.
- Que.4(C) Attempt any One. (03)
1. Explain different Translator.
 2. Explain Presentation Packages.
- Que.4(D) Attempt any One. (05)
1. Explain different types of Operating Systems.
 2. Explain different types of Languages.
- Que.5(A) Attempt Following. (04)
1. What is Virus?
 2. What is Cloud Computing?
 3. PPM stands for
 4. What is soft copy?
- Que.5(B) Attempt any One. (02)
1. What is data Bus?
 2. Explain Fiber Optic.
- Que.5(C) Attempt any One. (03)
1. Explain type of communication methods.
 2. Explain different communication devices.
- Que.5(D) Attempt any One. (05)
1. Explain Characteristic & Service Models of cloud computing.
 2. Explain backup and restore in detail.
