

B.C.A 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.
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Que : 1

- (A) Attempt All. (04)
1. Which technology is used with fifth generation computers?
 2. Give the full form of SRAM and PROM.
 3. What is the full form of DRAM?
 4. What is the full form of USB ?
- (B) Attempt Any One. (02)
1. Explain characteristics of computer.
 2. List various Slots and explain any one.
- (C) Attempt Any One. (03)
1. Explain different types of memory.
 2. Explain different types of Ports.
- (D) Attempt Any One. (05)
1. Explain different types of Processors.
 2. Explain UPS.

Que : 2

- (A) Attempt All. (04)
1. What is the full form of OCR ?
 2. List various types of Scanners.
 3. What is the full form of MICR ?
 4. What is the full form of OBR ?
- (B) Attempt Any One. (02)
1. Explain the Joystick.
 2. Explain POS.
- (C) Attempt Any One. (03)
1. Explain Touch Screen and Glide Pad.
 2. Explain MIDI.
- (D) Attempt Any One. (05)
1. Explain any three Magnetic Storage devices in detail.
 2. Explain any three Input Devices.

Que : 3

- (A) Attempt All. (04)
1. What is the full form of OLED ?
 2. What is CRT ?
 3. What is the full form of LCD ?
 4. What is the full form of LED?
- (B) Attempt Any One. (02)
1. Explain Plasma Displays.
 2. Explain Google Glass.
- (C) Attempt Any One. (03)
1. Explain SGD.
 2. Explain COM.
- (D) Attempt Any One. (05)
1. List various types of Output Devices and explain any three.
 2. Explain Printers in detail.

Que : 4

- (A) Attempt All. (04)
1. What is Nibble.
 2. What is the full form of BCD ?
 3. 1 Byte = _____ Bit.
 4. What is Carry Bit ?
- (B) Attempt Any One. (02)
1. Explain different translators.
 2. Explain Octal to Binary conversion with suitable example.
- (C) Attempt Any One. (03)
1. Explain Hexa- Decimal to Binary conversion with suitable example.
 2. Explain Assembly Level Language.
- (D) Attempt Any One. (05)
1. Explain Parity Check.
 2. What is Operating system ? List various types of operating systems and explain any one in detail.

Que : 5

- (A) Attempt All. (04)
1. What is SLM?
 2. What is the full form of GIS?
 3. What is the full form of PPM?
 4. What is the full form of CPS?
- (B) Attempt Any One. (02)
1. Explain Bluetooth.
 2. Explain LiFi.
- (C) Attempt Any One. (03)
1. What is VIRUS ?
 2. Explain Fiber Optic.
- (D) Attempt Any One. (05)
1. Explain IaaS , PaaS , SaaS.
 2. Write a detail note on : Buffer and types / Spooling.
