

B.C.A 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) Answer the following questions. (04)
1. Full form of RAM is _____.
 2. Full form of CPU is _____.
 3. Full form of ALU is _____.
 4. Full form of ROM is _____.
- Que.1(B) Answer the following questions. (any one) (02)
1. Explain Characteristics of Computer.
 2. What is Analog and Hybrid Computer.
- Que.1(C) Answer the following questions. (any one) (03)
1. Write a short note on: Mother board.
 2. Write a short note on: Slots.
- Que.1(D) Answer the following questions. (any one) (05)
1. Write a detail note on: Cables and Ports.
 2. Write a detail note on: Model of Computer.
- Que.2(A) Answer the following questions. (04)
1. Full form of OCR is _____.
 2. Full form of MICR is _____.
 3. Full form of DVD is _____.
 4. Full form of CD is _____.
- Que.2(B) Answer the following questions. (any one) (02)
1. Explain Hard Disk and Sectors.
 2. Explain Light Pen and POS.
- Que.2(C) Answer the following questions. (any one) (03)
1. Write a note on: Cloud Storage.
 2. Write a note on: Various types of Input Devices.
- Que.2(D) Answer the following questions. (any one) (05)
1. What is Scanners? Explain types of Scanners.
 2. Write a detail note on: Storage mechanism and magnetic storage devices.
- Que.3(A) Answer the following questions. (04)
1. SGD stands for _____.
 2. CRT stands for _____.
 3. LED stands for _____.
 4. LCD stands for _____.
- Que.3(B) Answer the following questions. (any one) (02)
1. Explain FAX.
 2. Explain Google Glass.
- Que.3(C) Answer the following questions. (any one) (03)
1. Explain CRT and it's working.
 2. Explain Plotter.
- Que.3(D) Answer the following questions. (any one) (05)
1. Explain LCD, LED and Plasma Display.
 2. Explain Types of Printers.

- Que.4(A) Answer the following questions. (04)
1. Full form of TB is _____.
 2. Full form of ASCII is _____.
 3. Full form of EBCDIC is _____.
 4. Full form of BCD is _____.
- Que.4(B) Answer the following questions. (any one) (02)
1. $(19)_{10} = (?)_2$
 2. $(27)_{10} = (?)_2$
- Que.4(C) Answer the following questions. (any one) (03)
1. Explain Types of Operating System.
 2. Write a short note on: Number System.
- Que.4(D) Answer the following questions. (any one) (05)
1. Write short note on: Types of Computer Languages.
 2. Write a short note on: Types of Translator.
- Que.5(A) Answer the following questions. (04)
1. Full form of GIS is _____.
 2. Full form of WiFi is _____.
 3. Full form of DPI is _____.
 4. Full form of GSM is _____.
- Que.5(B) Answer the following questions. (any one) (02)
1. What is Bus and Email?
 2. What is UPS and Fiber Optic.
- Que.5(C) Answer the following questions. (any one) (03)
1. Explain Buffer and its types.
 2. Explain types of Communication Method.
- Que.5(D) Answer the following questions. (any one) (05)
1. What is virus? Explain virus types and antivirus software.
 2. Write a detail note on: Cloud Computing.
