

B.C.A Semester - 1 (CBCS) Examination
Feb/Mar. -2021 (NEW COURSE)

COMPUTER FUNDAMENTALS & 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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| Q.1(A) | Give the answers of following questions. | (03) |
| | <ol style="list-style-type: none">1. Full form of ALU.2. Full form of CPU.3. What is the Full form of RAM? | |
| Q.1(B) | Attempt the following. (any two) | (06) |
| | <ol style="list-style-type: none">1. Explain Secondary Storage Device.2. Define USB, Serial and Parallel port.3. Explain Characteristics of computer.4. Define ROM, EPROM and EEPROM. | |
| Q.1(C) | Attempt the following. (any one) | (05) |
| | <ol style="list-style-type: none">1. Explain Generation of computer.2. Explain Different slots. | |
| Q.2(A) | Give the answers of following questions. | (03) |
| | <ol style="list-style-type: none">1. Full form of OMR.2. Full form of MIDI.3. Full form of COM. | |
| Q.2(B) | Attempt the following. (any two) | (06) |
| | <ol style="list-style-type: none">1. Explain CRT Display.2. Explain Wireless Device (Keyboard & Mouse)3. Explain Google Glass.4. Explain Headphone. | |
| Q.2(C) | Attempt the following. (any one) | (05) |
| | <ol style="list-style-type: none">1. Write short note on Touch Screen.2. Differentiate : Impact Vs. Non-Impact Printers. | |
| Q.3(A) | Give the answer of following questions. | (03) |
| | <ol style="list-style-type: none">1. Full form HDD.2. Full form DVD.3. What is Response Time? | |
| Q.3(B) | Attempt the following. (any two) | (06) |
| | <ol style="list-style-type: none">1. Explain Floppy Disk.2. What is Google drive?3. Explain Flash Memory.4. Explain Sectors. | |
| Q.3(C) | Attempt the following. (any one) | (05) |
| | <ol style="list-style-type: none">1. Explain Tracks, clusters & cylinders.2. Explain USB-Pen drive & Blue-Ray Disc. | |
| Q.4(A) | Give the answers of following questions. | (03) |
| | <ol style="list-style-type: none">1. Full form of GB.2. Full form of TB.3. 1024 KB = _____ MB. | |

- Q.4(B) Attempt the following. (any two) (06)
1. What is nibble?
 2. Explain binary number system.
 3. What is Compiler?
 4. What is Assesmbler?
- Q.4(C) Attempt the following. (any one) (05)
1. Write short note on Assembly Language.
 2. Explain Database packages.
- Q.5(A) Give the answers of following questions. (03)
1. Full form of GPS.
 2. Full form of GSM.
 3. Full form of VOLTE.
- Q.5(B) Attempt the following. (any two) (06)
1. What is WI-FI?
 2. What is VIRUS?
 3. What is Modem?
 4. What is Bluetooth?
- Q.5 (C) Attempt the following. (any one) (05)
1. Explain (IaaS, PaaS & SaaS).
 2. Explain Cloud computing Architecture.
