

**B.C.A Semester - 1 (CBCS) Examination****Oct/Nov. -2019 (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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- Qts. 1 [A] Attempt The Following** **4**
1. Full form of RAM is \_\_\_\_
  2. Full form of ROM is \_\_\_\_
  3. Full form of CPU is \_\_\_\_
  4. Full form of ALU is \_\_\_\_
- Qts. 1 [B] Attempt The Following (Any One)** **2**
1. Explain: Characteristics of Computer
  2. What is Analog and Hybrid Computer
- Qts. 1 [C] Attempt The Following (Any One)** **3**
1. Write a short note on: Mother board
  2. Write a short note on: Various Slots
- Qts. 1 [D] Attempt The Following (Any One)** **5**
1. Write a detail note on: Cables and Ports
  2. Write a detail note on: Model of Computer
- Qts. 2 [A] Attempt The Following** **4**
1. Full form of OCR is \_\_\_\_
  2. Full form of MICR is \_\_\_\_
  3. Full form of DVD is \_\_\_\_
  4. Full form of USB is \_\_\_\_
- Qts. 2 [B] Attempt The Following (Any One)** **2**
1. Explain: Hard Disk and Sectors
  2. Explain: Light Pen and POS
- Qts. 2 [C] Attempt The Following (Any One)** **3**
1. Write a note on: Cloud Storage
  2. Write a note on: Various types of Input Devices
- Qts. 2 [D] Attempt The Following (Any One)** **5**
1. Write a detail note on: Types of Scanners
  2. Write a detail note on: Storage mechanism and magnetic storage devices
- Qts. 3 [A] Attempt The Following** **4**
1. Full form of SGD is \_\_\_\_
  2. Full form of CRT is \_\_\_\_
  3. Full form of COM is \_\_\_\_
  4. Full form of LCD is \_\_\_\_
- Qts. 3 [B] Attempt The Following (Any One)** **2**
1. Explain: FAX
  2. Explain: Google Glass

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| <b>Qts. 3 [C] Attempt The Following (<u>Any One</u>)</b> | <b>3</b> |
| 1. Explain: CRT and its working                          |          |
| 2. Explain: Plotter                                      |          |
| <b>Qts. 3 [D] Attempt The Following (<u>Any One</u>)</b> | <b>5</b> |
| 1. Explain: LCD, LED and Plasma Display                  |          |
| 2. Explain: Types of Printers                            |          |
| <b>Qts. 4 [A] Attempt The Following</b>                  | <b>4</b> |
| 1. Full form of TB is ____                               |          |
| 2. Full form of ASCII is ____                            |          |
| 3. Full form of EBCDIC is ____                           |          |
| 4. Full form of BCD is ____                              |          |
| <b>Qts. 4 [B] Attempt The Following (<u>Any One</u>)</b> | <b>2</b> |
| 1. $(19)_{10} = ( ? )_2$                                 |          |
| 2. $(27)_{10} = ( ? )_2$                                 |          |
| <b>Qts. 4 [C] Attempt The Following (<u>Any One</u>)</b> | <b>3</b> |
| 1. Explain: Types of Operating Systems                   |          |
| 2. Write a short note on: Number System                  |          |
| <b>Qts. 4 [D] Attempt The Following (<u>Any One</u>)</b> | <b>5</b> |
| 1. Write a note on: Types of Computer Languages          |          |
| 2. Write a note on: Types of Translator                  |          |
| <b>Qts. 5 [A] Attempt The Following</b>                  | <b>4</b> |
| 1. Full form of GIS is ____                              |          |
| 2. Full form of WiFi is ____                             |          |
| 3. Full form of DPI is ____                              |          |
| 4. Full form of GSM is ____                              |          |
| <b>Qts. 5 [B] Attempt The Following (<u>Any One</u>)</b> | <b>2</b> |
| 1. What is: Bus and Email                                |          |
| 2. What is: UPS and Fiber Optic                          |          |
| <b>Qts. 5 [C] Attempt The Following (<u>Any One</u>)</b> | <b>3</b> |
| 1. Explain: Buffer and its types                         |          |
| 2. Explain: Types of Communication Methods               |          |
| <b>Qts. 5 [D] Attempt The Following (<u>Any One</u>)</b> | <b>5</b> |
| 1. What is Virus, virus types and antivirus software     |          |
| 2. Write a detail note on: Cloud Computing               |          |