

B.Sc.(IT) Semester - 1 (CBCS) Examination**Nov./Dec. -2019 (New Course)****COMPUTER FUNDAMENTALS & 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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Q.1 [a] Give the answers of following Questions [3]

1. Full Form of USB.
2. Full form of CPU.
3. What is the Full form of SRAM?

Q.1 [b] Attempt the following (Any Two) [6]

1. Explain Output Devices.
2. Define Serial and Parallel port.
3. Explain Control unit.
4. Explain UPS.

Q.1 [c] Attempt the following (Any One) [5]

1. Explain any two types of Processors.
2. Explain HDMI and USB Cable.

Q.2 [a] Give the answers of following Questions [3]

1. Full form of MICR.
2. Full form of MIDI.
3. Full form of OLED.

Q.2 [b] Attempt the following (Any Two) [6]

1. Explain LCD Display.
2. Explain Wireless Device (Keyboard & Mouse)
3. Explain Google Glass.
4. Explain FAX (Fascimile).

Q.2 [c] Attempt the following (Any One) [5]

1. Write short note on Touch Screen.
2. Differentiate : Impact vs. Non-Impact Printers

Q.3 [a] Give the answers of following Questions [3]

1. What is Floppy Disk?
2. Full form CD
3. What is Time?

Q.3 [b] Attempt the following (Any Two) [6]

1. Explain Magnetic Tape.
2. What is OneDrive?
3. Explain Clusters.
4. Explain seek time.

Q.3 [c] Attempt the following (Any One) [5]

1. Explain Tracks, Sectors & cylinders.
2. Explain USB-pen drive & DVD.

Q.4 [a] Give the answers of following Questions [3]

1. How many bits combined for 1 Byte?
2. Full form of TB.
3. 2048 MB = ____ KB.

Q.4 [b] Attempt the following (Any Two) [6]

1. What is carry bit?
2. What is parity bit?
3. What is Interpreter?
4. What is Assembler?

Q.4 [c] Attempt the following (Any One) [5]

1. Write Short note on Machine level Language.
2. Explain Spreadsheet packages.

Q.5 [a] Give the answers of following Questions [3]

1. Full form of GIS.
2. Full form of COMA.
3. Full form of VOLTE.

Q.5 [b] Attempt the following (Any Two) [6]

1. What is Li-Fi.?
2. What is VIRUS?
3. What is Cell phones?
4. What is infrared?

Q.5 [c] Attempt the following (Any One) [3]

1. Explain (IaaS, PaaS & SaaS).
2. Explain Security and privacy in Cloud computing.
