



JAQ-003-1041003 Seat No. _____

**B. Sc. (Information Technology) (Sem. I) (CBCS)
(W.E.F. 2016) Examination**

November - 2019

**CS - 03 : Computer Fundamental & Emerging
Technology**

Faculty Code : 003

Subject Code : 1041003

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type questions : 4
- (1) ALU stands for _____
 - (2) CPU Stands for _____
 - (3) ROM stands for _____
 - (4) USB Stands for _____
- (B) Attempt any **one** out of two : 2
- (1) What is Analog Computer?
 - (2) What is Hybrid Computer?
- (C) Attempt any **one** out of two : 3
- (1) Explain Super Computer.
 - (2) Explain Mainframe Computer.
- (D) Attempt any **one** out of two : 5
- (1) Explain Types of processor.
 - (2) Explain Ports in detail.

- 2 (A) Objective type questions : 4
- (1) MICR stands for _____
 - (2) CD Stands for _____
 - (3) OMR Stands for _____
 - (4) DVD Stands for _____
- (B) Attempt any **one** out of two : 2
- (1) What is Joystick?
 - (2) What is Cloud Storage?
- (C) Attempt any **one** out of two : 3
- (1) Explain wireless Devices
 - (2) Explain MIDI.
- (D) Attempt any **one** out of two : 5
- (1) Explain any three Input Devices.
 - (2) Explain storage mechanism of Magnetic Storage Devices.
- 3 (A) Objective type questions : 4
- (1) LED stands for _____
 - (2) LCD Stands for _____
 - (3) SGD Stands for _____
 - (4) COM Stands for _____
- (B) Attempt any **one** out of two : 2
- (1) What is FAX?
 - (2) What is Google glass?

- (C) Attempt any **one** out of two : **3**
- (1) Explain Plasma Displays.
 - (2) Explain Plotters.
- (D) Attempt any **one** out of two : **5**
- (1) Explain Impact Printers.
 - (2) Explain Non Impact Printers.
- 4 (A) Objective type questions : **4**
- (1) $(1992)_{10} = ()_2$
 - (2) $(2708)_{10} = ()_{16}$
 - (3) $(111)_2 + (111)_2 = ()_2$
 - (4) BCD Stands for
- (B) Attempt any **one** out of two : **2**
- (1) What is Parity Bit?
 - (2) What is Sign Bit?
- (C) Attempt any **one** out of two : **3**
- (1) What is Multi Processing Operating System?
 - (2) What is Batch Operating System?
- (D) Attempt any **one** out of two : **5**
- (1) Explain Types of Languages.
 - (2) $(1010)_2 \times (111)_2 = ()_2$

- 5 (A) Objective type questions : 4
- (1) GPS Stands for _____
 - (2) SLM Stands for _____
 - (3) PPM Stands for _____
 - (4) UPS Stands for _____
- (B) Attempt any **one** out of two : 2
- (1) What is GIS?
 - (2) What is LiFi?
- (C) Attempt any **one** out of two : 3
- (1) Explain Compiler.
 - (2) What is Modem?
- (D) Attempt any **one** out of two : 5
- (1) What is Cloud Computing? Explain Characteristics of Cloud Computing.
 - (2) Explain Types of Virus.
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