



JAQ-003-2041003 Seat No. _____

**B. Sc. (Information Technology) (Sem. I) (CBCS)
(W.E.F. 2019) Examination**

November - 2019

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

Faculty Code : 003

Subject Code : 2041003

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

[Total Marks : 70

- 1 (A) Objective type questions : 4
- (1) CPU stands for _____
 - (2) The first Generation computers used _____ for circuitry and magnetic drums for memory.
 - (3) RAM stands for _____
 - (4) _____ is known as the father of the computer.
- (B) Attempt any **one** out of two : 2
- (1) What is Computer? Explain use of computer.
 - (2) What is Control Unit?
- (C) Attempt any **one** out of two : 3
- (1) What is Motherboard?
 - (2) What is Memory? Explain Internal Memory.
- (D) Attempt any **one** out of two : 5
- (1) Explain characteristics of the Computer in detail.
 - (2) Explain Ports in Detail.

- 2 (A) Objective type questions : 4
- (1) POS stands for _____.
 - (2) MIDI Stands for _____.
 - (3) OCR Stands for _____.
 - (4) DVD Stands for _____.
- (B) Attempt any **one** out of two : 2
- (1) What is Trackball?
 - (2) What is Flash memory ?
- (C) Attempt any **one** out of two : 3
- (1) What is Mouse? Explain with Its type.
 - (2) Explain wireless Devices.
- (D) Attempt any **one** out of two : 5
- (1) Explain any three Input Devices.
 - (2) Explain any three types of magnetic Storage Devices.
- 3 (A) Objective type questions : 4
- (1) CRT 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 output device?
 - (2) What is Google glass ?

- (C) Attempt any **one** out of two : **3**
- (1) Explain CRT display unit.
 - (2) Explain Plotters.
- (D) Attempt any **one** out of two : **5**
- (1) Explain non Impact Printers.
 - (2) Explain Non CRT Display units.
- 4 (A) Objective type questions : **4**
- (1) $(2708)_{10} = ()_2$
 - (2) $(1992)_{10} = ()_{16}$
 - (3) $(101)_2 + (111)_2 = ()_2$
 - (4) BCD Stands for _____.
- (B) Attempt any **one** out of two : **2**
- (1) What is Nibble?
 - (2) What is Machine Level Language?
- (C) Attempt any **one** out of two : **3**
- (1) Explain the term: KB,MB,GB,TB,HB.
 - (2) What is Time sharing operating System?
- (D) Attempt any **one** out of two : **5**
- (1) Explain Translator.
 - (2) $(1010)_2 \times (101)_2 = ()_2$

- 5 (A) Objective type questions : 4
- (1) GIS Stands for _____.
 - (2) ATM Stands for _____.
 - (3) PPM Stands for _____.
 - (4) What is Virus ?
- (B) Attempt any **one** out of two : 2
- (1) What is GSM?
 - (2) What is E-Mail?
- (C) Attempt any **one** out of two : 3
- (1) What is Cloud Computing?
 - (2) What is Net Meeting?
- (D) Attempt any **one** out of two : 5
- (1) Explain Architecture of Cloud Computing.
 - (2) Explain Types of Virus.
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