



Seat No. _____

F8Z-003-3041003

**B. Sc. (IT) (Sem. I) (CBCS)
(W.E.F. 2022) Examination**

December - 2022

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

Faculty Code : 003

Subject Code : 3041003

00169



Time : $2\frac{1}{2}$ Hours / Total Marks : 70

- 1 (a) Answer the following : 4
- (1) Give the full form of CPU.
 - (2) Time line of First Generation of Computer is _____.
 - (3) What is Data ?
 - (4) What is Analog Computer ?
- (b) Answer in brief : (any one) 2
- (1) Explain Data processing Life Cycle.
 - (2) Explain Second Generation of Computer.
- (c) Answer in brief : (any one) 3
- (1) Explain RAM.
 - (2) Explain Micro Computer.
- (d) Answer in brief : (any one) 5
- (1) Explain types of Computer by their processing capabilities.
 - (2) Explain Block diagram of Computer.

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- 2 (a) Answer the following : 4
- (1) Give the name of Standard Input Device.
 - (2) List the different types of Mouse.
 - (3) Give the name of two pointing Input Device.
 - (4) What is MIC ?
- (b) Answer in brief : (any one) 2
- (1) Explain Light Pen.
 - (2) Explain Track Ball.
- (c) Answer in brief : (any one) 3
- (1) Explain Joystick.
 - (2) Explain OMR Scanner.
- (d) Answer in brief : (any one) 5
- (1) Explain Keyboard.
 - (2) Explain Scanner.
- 3 (a) Answer the following : 4
- (1) Give the full form of CRT.
 - (2) Give the Full form of LCD.
 - (3) Give the Full form of LED.
 - (4) Give the Full form of PDP.
- (b) Answer in brief : (any one) 2
- (1) Explain speaker.
 - (2) Explain Ink Jet Printer.
- (c) Answer in brief : (any one) 3
- (1) Explain CRT Monitor.
 - (2) Explain LCD Monitor.
- (d) Answer in brief : (any one) 5
- (1) Explain Non CRT Monitor.
 - (2) Explain Non Impact Printer.

- 4 (a) Answer the following : 4
- (1) Give the Full form BCD.
 - (2) Give the Full form of ASCII.
 - (3) Give the full form of UNICODE.
 - (4) What is Nibble ?
- (b) Answer in brief : (any one) 2
- (1) Explain Low Level Language.
 - (2) Explain Middle Level Language.
- (c) Answer in brief : (any one) 3
- (1) Explain Compiler and Interpreter.
 - (2) Explain Time Sharing O.S.
- (d) Answer in brief : (any one) 5
- (1) Explain Software Packages.
 - (2) Explain Computer Language.
- 5 (a) Answer the following : 4
- (1) Give the Full form of ATM.
 - (2) Give the Full form of WIFI
 - (3) What is Data Bus ?
 - (4) What is Spooling ?
- (b) Answer in brief : (any one) 2
- (1) Explain GIS.
 - (2) Explain GPS.
- (c) Answer in brief : (any one) 3
- (1) Explain ATM.
 - (2) Explain Fiber Optic.
- (d) Answer in brief : (any one) 5
- (1) Explain Cloud Computing.
 - (2) Explain Virus and Anti Virus.