



DCV-003-2041003

Seat No. _____

B. Sc. I. T. (Sem. I) (CBCS) (W.E.F. 2019) Examination

August - 2022

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

Faculty Code : 003

Subject Code : 2041003

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

[Total Marks : 70

- 1 (a) Answer the following : 4
- (1) Give the full form of EDVAC.
 - (2) Time line of second generation of computer is _____
 - (3) Give the full form of ENIAC.
 - (4) Give the full form of IBM.
- (b) Answer in brief : 2
Explain microcomputer.
- (c) Answer in brief : 3
Explain second and third generation of computer.
- (d) Answer in brief : 5
Explain characteristics of computer.
- 2 (a) Answer the following : 4
- (1) Give the full form of CPU.
 - (2) Give the full form of ALU.
 - (3) Give the full form of LSI.
 - (4) Give the full form of SSI.
- (b) Answer in brief : 2
Explain PS2 and RAM PORT.
- (c) Answer in brief : 3
Explain ROM.
- (d) Answer in brief : 5
Explain block diagram of computer.

- 3** (a) Answer the following : **4**
 (1) Give the full form of CCTV.
 (2) Give the full form of VDE.
 (3) Layout of keyboard is _____
 (4) Give the full form of GUI.
- (b) Answer in brief : **2**
 Explain web cam.
- (c) Answer in brief : **3**
 Explain digital camera.
- (d) Answer in brief : **5**
 Explain Scanner.
- 4** (a) Answer the following : **4**
 (1) Who was found mouse?
 (2) Joystick is use for _____
 (3) In keyboard how many types of function key are available?
 (4) Give the full form of OMR.
- (b) Answer in brief : **2**
 Explain digital camera.
- (c) Answer in brief : **3**
 Explain standard keyboard.
- (d) Answer in brief : **5**
 Explain Mouse.
- 5** (a) Answer the following : **4**
 (1) Give the full form of FAX.
 (2) Give the full form of OLED.
 (3) Give the full form of SGD.
 (4) Give the full form of COM.
- (b) Answer in brief : **2**
 Explain LCD.
- (c) Answer in brief : **3**
 Explain CRT monitor.
- (d) Answer in brief : **5**
 Explain impact printer.

- 6 (a) Answer the following : 4
 (1) Give the full form of PPM.
 (2) Give the name of output devices.
 (3) Give the full form of VDU.
 (4) Dot matrix printer is _____ type of printer.
- (b) Answer in brief : 2
 Explain drum printer.
- (c) Answer in brief : 3
 Explain chain printer.
- (d) Answer in brief : 5
 Explain non CRT monitor.
- 7 (a) Answer the following : 4
 (1) Explain BIT.
 (2) Give the full form of BCD.
 (3) Give the full form of UNICODE.
 (4) What is NIBBLE ?
- (b) Answer in brief : 2
 Explain high level language.
- (c) Answer in brief : 3
 Explain low level language.
- (d) Answer in brief : 5
 Explain software packages.
- 8 (a) Answer the following : 4
 (1) Give the full form of UNICODE.
 (2) Give the full form of MB.
 (3) Give the full form of KB.
 (4) Give the full form of ZB.
- (b) Answer in brief : 2
 Explain batch operating system.
- (c) Answer in brief : 3
 Explain multiprogramming operating system.
- (d) Answer in brief : 5
 Explain language translator.

- 9** (a) Answer the following : **4**
(1) Give the full form of CDMA.
(2) Give the full form of GSM.
(3) Give the full form of GIS.
(4) Give the full form of GPS.
- (b) Answer in brief : **2**
Explain Modem.
- (c) Answer in brief : **3**
Explain cell phone.
- (d) Answer in brief : **5**
Explain virus.
- 10** (a) Answer the following : **4**
(1) Give the full form of WIFI.
(2) Give the full form of LPM.
(3) Give the full form of CPS.
(4) Give the full form of DPI.
- (b) Answer in brief : **2**
Explain ATM.
- (c) Answer in brief : **3**
Explain Anti Virus.
- (d) Answer in brief : **5**
Explain benefit of cloud computing.
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