B. C. A. (Sem. I) (CBCS) Examination

November / December - 2018

CS - 03 : Computer Fundamental & Emerging Technology

(Old Course)

Faculty Code : 003
Subject Code : 003109

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

1   Answer the following :   **20**

    (1)   RAM stands for _____

    (2)   EEPROM stands for _____

    (3)   FCFS stands, for _____

    (4)   What is Bluetooth?

    (5)   What is the use of fiber optic cable'?

    (6)   OBR stands for _____

    (7)   MICR stands for _____

    (8)   CRT stands for _____

    (9)   PDP stands for _____

    (10)   What is sector?

    (11)   What is databus?

    (12)   _____ Storage media is sequentially access and process.

    (13) $(11011011)_2$ Convert into $(?)_{16}$

    (14)   BCD stands for _____

    (15)   ASCII stands for

    (16)   LCD stands for _____

    (17) $(56)_8 = (?)_2$

    (18) $(369)_{10} = (?)_2$

    (19)   Computer only understood one language without-using a translation program is called _____

    (20)   _____ Printer Produce noise.

2 (a) Answer any **three** :   **6**

   (1) What is Input Device?

   (2) What is Computer?

   (3) What is Cluster?

   (4) What is hardcopy and softcopy?

   (5) What is DVD?

   (6) What is Output Device?

   (b) Answer any **three** :   **9**

   (1) Explain type of optical storage device.

   (2) Explain 1st Generation Computer.

   (3) Explain Inject. Printer.

   (4) Explain Octal Number System.

   (5) Explain Digital Computer.

   (6) Explain POS.

   (c) Answer any **two** :   **10**

   (1) Explain Block Diagram of Computer.

   (2) Explain ASCII Code.

   (3) Explain DVD and Blu-Ray Disk.

   (4) Explain Light pen. and Joystick.

   (5) Explain Characteristics of computer system,

3 (a) Answer any **three** :   **6**

   (1) What is Bit and Byte?

   (2) What is seek time?

   (3) What is MODEM.?

   (4) What is interpreter'?

   (5) What is assembler?

   (6) $(1511)_{10}$ convert $(?)_2$

(b) Answer any **three** :   9

    (1) Write a note on online and real time OS.

    (2) Explain any two Input Devices.

    (3) Explain OBR and OCR.

    (4) Explain Memory Slot and PCI Slot.

    (5) Explain Monitor in detail.

    (6) Explain GSM.

(c) Answer any **two** :   10

    (1) Explain. Computer Ports.

    (2) Explain Batch Processing OS.

    (3) What is Impact Printer? Explain any one.

    (4) Explain GPS.

    (5) Explain Time sharing OS.

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