

Roll No.

Total No. of Pages : 2

Total No. of Questions : 09

B.Tech. (CSE) (Sem.-5)

COMPUTERS PERIPHERALS AND INTERFACES

Subject Code : CS-311

Paper ID : [A0469]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

SECTION-A

1. Answer briefly :

- a) Write a short note on DMA channel.
- b) What are I/O port Addresses.
- c) Discuss ATA standards.
- d) Write limitations of IDE.
- e) Name different video Hardware.
- f) Contrast LCD with CRT.
- g) Write steps of troubleshooting of drivers.
- h) How the serial port is tested?
- i) What is FSB?
- j) Write the types of graphics cards.

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SECTION-B

2. Discuss the need of PCI Bus.
3. Explain the use of SCSI Interface with its pin outs.
4. What is the need for video RAM in video hardware ?
5. Discuss aspects of cost performance analysis while designing the System.
6. How conflicts of resources are resolved in IP Addressing?

SECTION-C

7. Discuss the features and setup of Integrated Video/ Motherboard chipset.
8. Explain the I/O Interface from serial to parallel and from parallel to SCSI converter.
9. Discuss the role of Input/ Output drivers for UNIX/LINUX operating System.