Roll No. [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]   **Total No. of Pages : 02**

Total No. of Questions : 18

B.Tech (CSE)   (Sem.–5)
COMPUTER PERIPHERALS AND INTERFACE
Subject Code : CS-311
Paper ID : [A0469]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTIONS 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 have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1)   What is the use of DMA channel?

2)   Discuss I/O port Addresses?

3)   What is the function of ATA?

4)   What are IDE hard drives?

5)   Write a short note on LCD panels?

6)   List the features of advanced 3D Technologies?

7)   What is a IEEE 1394 port used for?

8)   Write the benefits of USB 961?

9)   List any two peripheral devices used in computer?

10)   Write the types of graphics cards.

SECTION-B

11)   What is the PCI bus driver? How it works?

12)   Explain the use SCSI Interface with its pin outs.

13)   What are device drivers? Write the need of video RAM in video hardware.

14)   Discuss aspects of cost performance analysis while designing the System.

15)   How serial and parallel ports can be tested?

SECTION-C

16)   Discuss the features and setup of Integrated Video/ Motherboard chipset by taking an example.

17)   Explain the I/O Interface from serial to parallel and from parallel to serial SCSI converter.

18)   Discuss the role of Input/ Output drivers for UNIX/LINUX operating System.