

Roll No.

Total No. of Questions : 09]

[Total No. of Pages : 02

B.Tech. (Sem. - 5th)

COMPUTER PERIPHERALS AND INTERFACES

SUBJECT CODE : CS-311

Paper ID : [A0469]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

Section - A

Q1)

(10 × 2 = 20)

- a) What are Interrupts?
- b) Write I/O port addresses?
- c) Compare SCSI vs IDE Interface?
- d) Discuss LCD display panels?
- e) What is video RAM?
- f) What are serial ports?
- g) How confliction of system resources can be resolved?
- h) How video drivers control multiple monitors?
- i) Which interface is used for parallel to SCSI converter?
- j) What is video hardware troubleshooting?

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Section - B

(4 × 5 = 20)

- Q2)** Explain DMA channel with the help of Block diagram?
- Q3)** Write a short note on Accelerated Graphics Port Bus?
- Q4)** What are the features of IDE Interface ATA?
- Q5)** What are I/O driver software's?
- Q6)** Discuss the advantages of USB technology over serial and parallel ports?

Section - C

(2 × 10 = 20)

- Q7)** What are features of Integrated video/ motherboard chipset?
- Q8)** Discuss I/O Interface from serial and Parallel to USB 961?
- Q9)** Write in brief the cost Performance analysis while designing the system?