

Roll No.....

Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. IT (Semester – 4th)
COMPUTER PERIPHERALS AND INTERFACES
Subject Code: BITE1460
Paper ID: 130423

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. What is the use of video RAM?
- b. What do you mean by UPS?
- c. Differentiate between LCD and LED
- d. Discuss the disadvantages advanced 3D technologies.
- e. Write the features of ATA RAID.
- f. Explain interrupt and its types.
- g. What is the Graphic Accelerators?
- h. Compare SCSI and IDE Interfaces.
- i. Explain the working of Optical Mouse.
- j. Differentiate UNIX and LINUX operating System.

Section – B

(5 marks each)

- Q2. Differentiate between PCI and PCI express.
- Q3. What is the role of Device driver in operating system? Explain with suitable example.
- Q4. Explain any five Video Display Adapters.
- Q5. Write Short note on
- USB 961
 - SCSI
- Q6. Explain the components of Motherboard.

Section – C

(10 marks each)

- Q7. Explain the functionality of CRT monitors with suitable diagram in detail.
- Q8. What are the various aspects of cost performance analysis during the designing the system?
- Q9. Explain the following :
- IEEE1394
 - Recent progress trends in Peripheral and Bus systems