



Reg. No. :

Name :

**Seventh Semester B.Tech. Degree Examination, October 2014
(2008 Scheme)**

08.706A : COMPUTER PERIPHERALS AND INTERFACING (F)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. What are the various types of microprocessor sockets ?
2. Explain the working of USB.
3. Explain the primary types of bus structures in mother board. How are they interfaced ?
4. Explain the significance of expansion slots in a computer. What is PCI express ?
5. What is IDE/ATA ?
6. Explain the various SCSI standards.
7. Differentiate SRAM and DRAM.
8. Explain about CD and DVD interfaces.
9. List the various DDR standards.
10. Explain zoned bit recording in HDD. **(10×4=40 Marks)**



PART – B

Answer **any one** question from **each** Module.

Module – I

11. Explain the various mother board components with a neat diagram. Show how each one is provided with power and clock. 20

OR

12. a) Discuss the different generations of desktop microprocessors. 6
b) Explain in detail serial and parallel communication. What are the different modes in parallel communication ? 8
c) Explain Micro DIMM and SoDIMM. 6

Module – II

13. a) Explain the working of an optical mouse with a neat figure. 8
b) Write short notes on impact and non impact printers. Explain each with examples. 12

OR

14. a) Explain the working of flat bed scanner. 8
b) Explain SATA and SCSI. 12

Module – III

15. a) Explain blue ray discs. 10
b) Write short notes on
i) SVGA
ii) WUXGA 10

OR

16. a) Explain the different types of read/write heads used in HDD. 10
b) Explain the working of magnetic tapes. 10
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