

Model Question Paper

Seventh Semester B Tech Degree Examination

2013 Scheme

13.706.3 COMPUTER PERIPHERALS AND INTERFACING (F) (Elective II)

Part A

Answer all questions (5x4=20)

1. Explain about real time clock. List out the merits and demerits of overclocking the CPU.
2. Compare SIMM, DIMM and RIMM.
3. Differentiate between optical mouse and mechanical mouse.
4. Explain magnetic tapes and streamer tapes.
5. List out the merits and demerits of DRAM.

Part B

(Answer any one full question out of the two from each module.)

MODULE -1

6. Explain the components of a motherboard with neat diagram. (20 mark)

OR

7. Write short note on
 - a) Instruction pipelining
 - b) Motherboard form factor
 - c) RISC
 - d) SPGA(20 mark)

MODULE-2

- 8(a). Explain RAM slots and its types. (10 mark)
- (b). Write a note on
 - (i) SDRAM
 - (ii) USB
 - (iii) DIMM
 - (iv) Fast mode DRAM
 - (v) DDR3(10 mark)

OR

9(a). Differentiate between serial port and parallel ports. (10 mark)

(b) Explain about

(i) PCI slots

(ii) CI express slots

(iii) AGP slots

(10 mark)

MODULE -3

10. Explain various storage interfaces. (20 mark)

OR

11(a). Explain the working of flat bed scanner. (10 mark)

(b). Explain about inkjet printer operations. (10 mark)

MODULE-4

12(a). Write short note on

(i). WXGA

(ii). WQXGA

(iii). XGA

(10 mark)

(b) Explain about Blu-ray disc. (10 mark)

OR

13(a). Briefly explain the operations of hard disk. (10 mark)

(b). Write a note on

(i) Magnetic disk

(ii) Magneto optical disk (10 mark)