

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

THIRD SEMESTER – NOVEMBER 2009

**CS 3876 / 3903 / PH 3901 - COMPUTER PERIPHERALS AND INTERFACING**

Date & Time: 31/10/2009 / 9:00 - 12:00 Dept. No.

Max. : 100 Marks

**PART – A**

**10x2 = 20 marks**

**Answer all**

1. Define the term: Interface
2. Write the use of graphic controller?
3. What is the use of storage device?
4. What is RAID?
5. What is BIOS?
6. What is the use of device drivers?
7. Define the term :BUS
8. What is the use of I/O bus.
9. List out the hardware diagnostic tools.
10. What is data recovery?

**PART – B**

**5x8 = 40 marks**

***Answer all***

- 11.a). Write a short notes on different input devices..  
(Or)  
b) Explain about keyboard and mouse interface.
- 12.a). Write a short different storage devices.  
(Or)  
b) .Explain the working of magnetic tapes.
- 13.a) Write a short note on personal computer architecture..  
(Or)  
b) Explain the working of device driver..
- 14.a) Explain the working of I/O bus.  
(or)  
b) Write a short note on communication interface.
15. a) Write a short note on software diagnostic tools.  
b). Mention the importance of data recovery.

**PART- C**

**2x 20 =40 marks**

***Answer any Two***

16. a). Explain in detail about CRT controller..  
b). Discuss in detail magnetic storage technique.
17. a). Explain the working of ROM BIOS function call.  
b). Explain in detail standard PC architecture.
18. a) Explain the mechanism of data recovery in detail.  
b) Explain in detail about graphics controller.

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