

No. of Printed Pages : 4
Roll No.

120833

3th Sem. / Comp. Engg.

Subject : Computer Peripheral and Interfacing

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note:Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) Define refresh rate.
 - b) What is VGA?
 - c) Define CRT.
 - d) Define response lime.
 - e) Define DIMM.
 - f) What is BIOS?
 - g) What are nonimpact printers? Define
 - h) Define SATA.
 - i) What is SVGA?

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- j) Define the secondary storage?
- k) What is video bandwidth?
- l) Define USB.
- m) What are hand held scanners?
- n) Define off line UPS.
- o) What are device independent software?
- p) Define resolution.
- q) What is low level formatting?
- r) What is partitioning?

SECTION-B

Note:Short answer type questions. Attempt any ten parts 10x4=40

- Q.2
- i) Differentiate between impact and non impact printers.
 - ii) Explain about role of device drivers.
 - iii) Explain about RS 232 standards.

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- iv) Explain image developing process of laser printer.
- v) What are cylinders, tracks and sectors in hard drives?
- vi) What are the characteristics of video adapter?
- vii) Explain about working of digitizer.
- viii) Explain working principle of INKJet printers.
- ix) Explain the working principle of touch screen.
- x) What is a plotter? Give its types.
- xi) Explain working of color CRT monitor.
- xii) Define mother board. What are various components of mother board.
- xiii) What are different types of Mouse? Explain any one of them in detail.
- xiv) Differentiate between serial port and parallel ports.
- xv) Explain the term interfacing with example

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SECTION-C

Note: Long answer type questions. Attempt any three questions. 3x10=30

- Q.3 Explain the construction and working principle of hard disk drive.
- Q.4 Explain the characteristics and working principle of laser printer.
- Q.5 Write short notes on :-
 - (i) UPS
 - (ii) SATA
 - (iii) SVGA
- Q.6 Explain the construction and working principle of CRT color monitor with the help of a diagram.
- Q.7 Explain various types of scanner and their working?

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