

No. of Printed Pages : 4

Roll No.

121062

6th Sem. / ECE

Subject : Maintenance of Computer System

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

- Q.1 Define BIOS?
- Q.2 Expand ATX.
- Q.3 Describe serial port on the motherboard.
- Q.4 Explain the term Wi-Fi?
- Q.5 WAN stands for _____.
- Q.6 Describe DVD.
- Q.7 Give two advantages of Dot Matrix Printer.
- Q.8 Define video RAM.
- Q.9 PCI stands for _____.
- Q.10 Write two advantages of networking.

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SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 What is formatting of a disk?
- Q.12 Why SMPS is needed in Computer system?
- Q.13 Describe any two types faults in Key board.
- Q.14 What is POST in Computer system?
- Q.15 What do you mean by a bus in computer system?
- Q.16 Describe the use of serial and parallel port?
- Q.17 Write two disadvantages of inkjet printer?
- Q.18 Give the names of two output devices?
- Q.19 Expand SIMM and DIMM.
- Q.20 What is the term 'key bounce'?
- Q.21 What is the function of SMPS in computer system?
- Q.22 Explain the advantages of wi-fi?

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SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 Describe the common faults in the Hard Disk Drive.

Q.24 What is a Hub? Explain different types of hubs.

Q.25 Draw the block diagram of computer monitor and explain its working.

Q.26 Describe SIMM, RIMM and DIMM.

Q.27 What is scanner; explain the working of a scanner.

Q.28 Explain LAN, WAN and MAN?

Q.29 What are the different applications of Laptop?

Q.30 What is the function of a MODEM?

Q.31 What are the various precautions to handle a computer system?

Q.32 Describe various types of ports used in the computer system?

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SECTION-D

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

Q.33 What is a mother-board of a computer system, explain different types of mother board and explain its main components?

Q.34 What is Hard Disk Controller? Explain in detail.

Q.35 Explain the construction and working of LASER printer in detail with neat diagram.

Q.36 Write a note on the following

a) RS-232

b) Router

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