

- Q.28 What are different components of scanner?(CO-4)  
 Q.29 Explain the principle of operation of computer monitor. (CO-5)  
 Q.30 Write a short note on “Solid state display”.(CO-5)  
 Q.31 Explain Printing mechanism. (CO-6)  
 Q.32 Write different signals from PC to Printer. (CO-6)  
 Q.33 What is Wi-Fi? What are its advantages? (CO-7)  
 Q.34 Explain Hub and its types. (CO-7)  
 Q.35 What is Laptop? Explain the functions of Laptop. (CO-8)

#### Section D

**Note:** Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)

- Q.36 Draw and explain the block diagram of motherboard. (CO-1)  
 Q.37 Draw and explain the block diagram of keyboard controller. (CO-4)  
 Q.38 Explain the construction and working principle of Dot matrix printer. (CO-6)

**Note :** Course Outcome (CO) mentioned in the question paper is for official purpose only.

No. of Printed Pages : 4

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Roll No.....

**6th Sem / Eltx.**

**Subject : Maint. Of Comp. System**

**Time : 3 Hrs.**

**M.M. : 100**

#### SECTION-A

**Note :** Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 Which chip acts as a clock to keep the current date and the time? (CO-1)  
 a) CMOS b) DVRAM  
 c) RAM d) ROM
- Q.2 Where does the motherboard store the keyboard controller support program. (CO-1)  
 a) DRAM b) RAM chip  
 c) ROM Chip d) Hard Disk
- Q.3 What does a computer use to permanently store programs and data when it is turned off? (CO-1)  
 a) Hard Drive b) RAM  
 c) ROM d) EPROM
- Q.4 To extend the connectivity of the processor bus we use \_\_\_\_\_. (CO-2)  
 a) PCI bus b) SCSI bus  
 c) Controllers d) Multiple bus

- Q.5 Which memory acts as a buffer between CPU and main memory? (CO-3)  
 a) RAM                              b) ROM  
 c) Cache                             d) Storage
- Q.6 Which part of CRT monitor is responsible for clear picture on the screen? (CO-5)  
 a) Phosphorus Screen  
 b) Focusing system  
 c) Deflection Yoke  
 d) Colored Lights of the screen
- Q.7 Which echnology is used in Laser printer? (CO-6)  
 a) Electrostatically charge  
 b) Spraying fine drops  
 c) Ball-Head  
 d) Heat sensitive
- Q.8 How ink is transferred to paper in inkjet printers? (CO-6)  
 a) Boiling ink                      b) Crystal  
 c) Screen deflect ink      d) Motorized pump
- Q.9 Which networking device is used to connect one LAN to another LAN using same protocol?(CO-7)  
 a) ROUTER                        b) MODEM  
 c) BRIDGE                        d) SWITCH
- Q.10 Memory module used by Laptop is called. (CO-8)  
 a) PCI                                c) ZIF socket  
 c) SIMM                             d) SO-DIMM

### Section B

**Note:** Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 Write full form of SCSI. (CO-1)  
 Q.12 Write any two applications of serial port. (CO-2)  
 Q.13 Write full form of DIMM. (CO-3)  
 Q.14 Write any two uses of computer for instrumentation. (CO-2)\  
 Q.15 Write full form of CRT. (CO-5)  
 Q.16 What is the function of digitizer? (CO-4)  
 Q.17 Write names of any two basic component of video display adapter. (CO-5)  
 Q.18 Write any two advantages of Laser printer. (CO-6)  
 Q.19 Write any two disadvantages of WLAN. (CO-7)  
 Q.20 Define Modem. (CO-8)

### Section-C

**Note:** Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 What are different function of motherboard?(CO-1)  
 Q.22 Write installation steps for Hard disk. (CO-1)  
 Q.23 What is bus? What are different types of buses? (CO2)  
 Q.24 Write a short note on “RS232 interface.” (CO-2)  
 Q.25 What is the principle of hard disk drive? (CO-3)  
 Q.26 Write a short note on”RAM module”. (CO-3)  
 Q.27 What are common faults with mouse? (CO-4)