

- 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  
Roll No.....

121062

**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 technology is used in Laser printer? (CO-6)  
 a) Electrostatically charged  
 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 functions 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)