**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**CS T72 - COMPUTER HARDWARE AND NETWORK TROUBLESHOOTING**

**UNIT - IV**

**PARTA (2 Marks)**

1. What are the four basic types of keyboard? **(NOV 2012)**
2. Give the layouts of a keyboard?
3. What are the two types keyboard interfaces. **(NOV 2010)**
4. How many connectors are there in a keyboard? What are they?
5. What is the use of Connector? **(NOV 2012)**
6. Define USB?
7. Define Mouse?
8. What are the types of Mouse? **(APR 2012)**
9. What is the Joystick? **(APR 2011)**
10. What is Track Ball? **(APR 2012)**
11. What is RS-232C?
12. Define Parallel Port?
13. Define MODEM?
14. What are the different types of Scanner? **(NOV 2012)**
15. List the types of Video controllers?
16. List some of the display adapters. **(APR 2011)**
17. Define SVGA?
18. What is meant by AGP?
19. What is a Printer?
20. Explain Dot Matrix Printer?
21. What is Laser Printer?
22. Define MTBF. **(NOV 2010)**
23. Define Scanner? **(NOV 2010)**
24. What are the print directions? **(NOV 2014)**
25. Expand MFM. **(NOV 2012)**
26. What do you mean by SVGA? **(NOV 2012)**
27. What is PPP? **(NOV 2013)**
28. What are the services included in LANE? **(NOV 2013)**
29. What is the function of modem?

**PART B (11 Marks)**

1. Explain different layouts of keyboard. (Ref.Pg.No.5,Qn.No.1)

2. Explain the two types of keyboards and the functions performed by the keyboard electronics with suitable diagram. **(APR 2011)** (Ref.Pg.No.5,Qn.No.2).

3. Explain Signals and interface standards for keyboard. (Ref.Pg.No.7,Qn.No.3).

4. Explain briefly about keyboard connectors and switches. (Ref.Pg.No.7,Qn.No.4).

5. Explain the working principles of keyboard and mouse. (APR 2012) (Ref.Pg.No.9,Qn.No.5).

6. Explain about Mouse. (Ref.Pg.No.10,Qn.No.6).

7. What are the different point devices available explain. (NOV 2012) (Ref.Pg.No.10,Qn.No.7).

8. Explain Joy stick with neat diagram. (Ref.Pg.No.12,Qn.No.8).

9. Explain briefly about Video Display Adapters. (Ref.Pg.No.13,Qn.No.9).

10. Explain briefly about Video Display Interfaces. (Ref.Pg.No.17,Qn.No.10).

11. How 3D Graphics Accelerators work? (Ref.Pg.No.20,Qn.No.11).

12. Explain briefly about LCD and LED Monitors. (Ref.Pg.No.23,Qn.No.12).

13. Explain any three types of printing mechanism in detail.(NOV 2010) (Ref.Pg.No.25,Qn.No.14).

14. Discuss any three types of printer in detail and point out the functions and characteristics.(APR 2011) (Ref.Pg.No.25,Qn.No.15).

15. What are the major output devices for a computer? (NOV 2013) (Ref.Pg.No.25,Qn.No.16).

16. Explain in detail about peripheral devices. (NOV 2012) (Ref.Pg.No.25,Qn.No.17).

17. What are the major difference between an impact printer and non-impact printer discuss. (NOV2012) (Ref.Pg.No.25,Qn.No.18).

18. Explain the working principle of Laser Printer.(Ref.Pg.No.28,Qn.No.19).

19. Explain the working principle of Inkjet Printer. (Ref.Pg.No.29,Qn.No.20).

20. What is Pen Plotters? Explain. (Ref.Pg.No.30,Qn.No.21).

21. What are the service routines provided by BIOS to handle mouse and printers? Explain. (NOV 2014) (Ref.Pg.No.31,Qn.No.22).

22. How to troubleshoot Input/Output related problems. (Ref.Pg.No.34,Qn.No.23).

23. What is a scanner? Explain its different types. (APR 2012) (Ref.Pg.No.35,Qn.No.24)

**STAFF-INCHARGE HOD DEAN PRINCIPAL**