**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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

**UNIT – V**

**PARTA (2 Marks)**

* 1. What are the two types of computer for faults based on the frequency occurrence of the problem? **(NOV 2010)**
  2. Categorize the type of trouble shooting tools? **(NOV 2010), (APR 2012), (NOV 2012)**
  3. List some of the symptoms of computer faults? **(APR 2011)**
  4. What are the four levels of troubleshooting approaches? **(APR 2011)**
  5. What are the troubleshooting problems of CD-ROM drive? **(APR 2012)**
  6. List out the different types of Hardware Interrupts? **(NOV 2012)**
  7. Define Operating System? **(NOV 2012)**
  8. What do you mean by spyware? **(NOV 2012)**
  9. What are the major functions OS? **(NOV 2013)**
  10. What is mean by network? **(NOV 2013)**
  11. What is the use of logic probe? **(NOV 2014)**
  12. What do you mean by Boot virus? **(NOV 2014)**
  13. What are the two types of Partitioning?
  14. How to Install Network Hardware and Software?
  15. Define Unix Partitioning?
  16. Define Interrupt?
  17. Define Multimeter?
  18. Define Oscilloscope?
  19. What is meant by Logic analyzer?
  20. Define In-Circuit Emulator?

**PART B (11 Marks)**

1. Compare Serial Port Vs. Parallel Port (Ref.Pg.No.5,Qn.No.1)
2. Explain briefly about USB. (Ref.Pg.No.5,Qn.No.2)
3. Explain about RS232C. (Ref.Pg.No.12,Qn.No.3)
4. Explain briefly about Parallel Port. (Ref.Pg.No.13,Qn.No.4)
5. Describe the structure, operating modes and features of enhanced capabilities port. (NOV 2014) (Ref.Pg.No.13,Qn.No.5)
6. Explain parallel and serial interface with block diagram? (NOV 2010) (Ref.Pg.No.13,Qn.No.6)
7. What are the required components to build LAN (Ref.Pg.No.14,Qn.No.7)
8. Explain briefly about Wired and Wireless Networks. (Ref.Pg.No.15,Qn.No.8)
9. What is Bluetooth? (Ref.Pg.No.17,Qn.No.9)
10. Explain the detail about network interface card (NIC) with neat diagram. **(APR 2012)** (Ref.Pg.No.17,Qn.No.10)
11. Explain briefly about network topology. (Ref.Pg.No.18,Qn.No.11)
12. What are the hardware requirements needs to form wireless Ethernet. (Ref.Pg.No.20,Qn.No.12)
13. What is access point and switch or Hub? (Ref.Pg.No.21,Qn.No.13)
14. Explain briefly about network Protocols. (Ref.Pg.No.22,Qn.No.14)
15. Discuss about various types of cables and connectors. **(NOV 2012)** (Ref.Pg.No.23,Qn.No.15)
16. How to troubleshoot network problems? (Ref.Pg.No.27,Qn.No.16)

**STAFF-INCHARGE HOD DEAN PRINCIPAL**