**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

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

**PART - A (2 Marks)**

**UNIT - I**

1. What is processor? (NOV 2013)
2. Define system clock? (NOV 2013)
3. What are the two types of hardware interrupts (NOV 2010)
4. List the type of switching logic control in SMPS? (NOV 2010)
5. What is BIOS? (APR 2011), (NOV 2012)
6. List any four components of Mother Board? (APR 2011)
7. Expand SMPS, DMA? (APR 2012)
8. What are the types of memory? (APR 2012)
9. List out the Hardware components of PC? (NOV 2012)
10. What is meant by cache memory? (NOV 2012)

**UNIT - II**

* 1. Write the Mother board Components?
  2. What is meant by Chipsets?
  3. Define IDE. (NOV 2010)
  4. Differentiate LAN and WAN. (NOV 2010)
  5. Define MODEM. (APR 2011), (APR 2012)
  6. Write an example of peripheral devices. (NOV 2012)
  7. What are the two types of system boards? (NOV 2012)
  8. What is CMOS?
  9. What is meant by Plug and Play? (NOV 2013)
  10. List out the sections available in MCA connector? (NOV 2014)

**UNIT - III**

1. What is the function of the memory? **(NOV 2012)**
2. What is the hard disk and how does it work? **(NOV 2012)**
3. What are the types of RAM module? **(NOV 2013)**
4. Write about serial ATA. **(NOV 2013)**
5. What are the two types of semiconductor memory? **(NOV 2014)**
6. Classify the floppy diskette according to the sector organization. **(NOV 2014**
7. Differentiate hard sector and soft sector disk. **(APR 2011)**
8. What are the two formats for recording on a magnetic disk? **(APR 2011)**
9. Differentiate single and dual head assembly drive. **(NOV 2010)**
10. Write any two common aspects between HDD and FDD. **(NOV 2012)**

**UNIT - IV**

1. What are the four basic types of keyboard? **(NOV 2012)**
2. What are the two types keyboard interfaces. **(NOV 2010)**
3. What are the types of Mouse? **(APR 2012)**
4. What is RS-232C?
5. List some of the display adapters. **(APR 2011)**
6. Define MTBF. **(NOV 2010)**
7. What are the print directions? **(NOV 2014)**
8. Expand MFM. **(NOV 2012)**
9. What do you mean by SVGA? **(NOV 2012)**
10. What is PPP? **(NOV 2013)**

**UNIT – V**

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. What are the major functions OS? **(NOV 2013)**
8. What is mean by network? **(NOV 2013)**
9. What is the use of logic probe? **(NOV 2014)**
10. What do you mean by Boot virus? **(NOV 2014)**