

Th-4 Computer Hardware and Maintenance

Full Marks: 80

Time- 3 Hrs

Answer any five Questions including Q No.1& 2
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
 - a. What is the Purpose of CMOS battery?
 - b. Name four Major Vendors of Computer Hardware.
 - c. List various types of ROM.
 - d. Write the Function of South Bridge.
 - e. What is POST?
 - f. Define Memory Speed.
 - g. What is the Purpose of SMPS?
 - h. Name four Antivirus Software available in the market.
 - i. What are the different types of Network Connector?
 - j. What is the PCI slot in a Mother Board used for?
2. Answer **Any Six** Questions 6 x 5
 - a. Why Computer Centre is needed? Explain the Hierarchy of personal engaged in different levels in an Organisation.
 - b. Describe about the two main chipset in Mother Board.
 - c. Explain the steps in Assembling a Computer System.
 - d. Write the Difference between Core 2 Duo and Quad Core processor.
 - e. Describe the Different types of Printer.
 - f. Write the difference between Primary Memory and Secondary Memory.
 - g. Explain the need for training of Staff in a Computer Centre.
3. Describe the factors which can be taken into account while preparing the computer room. 10
4. Describe different components and slots of Mother Board, 10
5. What is trouble shooting? Explain Systematic ways of trouble shooting versus ad hoc trouble shooting. 10
6. Describe Hard Disk Construction and its Working Principle. 10
7. What is ROM BIOS? Explain the function of BIOS. 10