

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. Name four Major vendors of Computer Software.
 - b. What is BIOS?
 - c. Define virus.
 - d. Define Memory Access Time.
 - e. Name four Antivirus softwares available in the market.
 - f. What are the different slots in the Mother Board.
 - g. Write the function of North Bridge.
 - h. Define four types of Monitors.
 - i. Write the function of UPS.
 - j. List different types of RAM.
 2. Answer **Any Six** Questions 6 x 5
 - a. What are the different types of job carried out in an Organisation?
 - b. Explain Basic maintenance Concept.
 - c. Explain the function of ROM-BIOS.
 - d. Describe about the Memory Hierarchy.
 - e. Write the procedure to Assemble a computer.
 - f. Explain the different types of Scanners Available.
 - g. Describe about two Main Chipsets of Mother Board.
- Answer Any **Three** Questions
3. Write the Main Components of Mother Board. Explain the function of each component fitted on the Mother Board. 10
 4. Describe the Hard Disk Drive Construction and its working principle. 10
 5. Identify the basic concept of Maintenance. Explain how the computer system is Prevented, Corrected and Maintained. 10
 6. List out the interconnecting devices in a Computer Network and explain their functions briefly. 10
 7. Write short notes on any Two. 10
POST
NIC
Core2 Duo Processor