

Th4 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. Write the Different parts of Mother Board
 - c. Define Memory Access Time.
 - d. What are the different types of network?
 - e. Define POST sequence.
 - f. What is CMOS?
 - g. Write the function of North Bridge.
 - h. What are the Different types of network connector?
 - i. What is RTC ?
 - j. Define different types of RAM.

2. Answer **Any Six** Questions 5X6
 - a. What are the different types of Job Carried out in an Organisation ?
 - b. Describe the procedure of partitioning and formatting of HDD.
 - c. Describe about the two main chipset in Mother Board.
 - d. What are the different types of Printers available explain it.
 - e. Why a computer centre is needed? Explain the Hierarchy of personnel engaged in different levels in an organisations.
 - f. Describe about the Memory Hierarchy.
 - g. Write the difference between Core 2 Duo and Quad core Processor.

3. Describe the Factors which can be taken into account while preparing the computer room. 10

4. Explain the Important factors affecting computer Maintenance. 10

5. Identify the components of Mother Board. Explain different standards of expansion slots. 10

6. Describe major components of Hard Disk and explain its working Principle. 10

7. List out the Interconnecting devices in a computer network and explain their functions briefly. 10