

5TH SEM./ CS & E/ 2024(S)

Th-4 Computer Hardware & 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 Software.
 - b. What is RTC ?
 - c. Define Different types of RAM.
 - d. What does NTFS stands for ?
 - e. What is Adhoc trouble shooting ?
 - f. Name four Major Types of Monitor.
 - g. List the different slots in Mother Board.
 - h. Define Memory Access Time.
 - i. What is the function of NIC ?
 - j. Name different types of Hard Disk.
2. Answer **Any Six** Questions 6 x 5
 - a. Why a computer centre is needed? Explain the Hierarchy of personnel engaged at different levels in an organisation.
 - b. Write a short note on false roofing.
 - c. What is NIC? Write the procedure to install the NIC.
 - d. Explain briefly the Basic Maintenance concept.
 - e. Describe about different types of file system.
 - f. What are the BUS standards available? Write any one of them.
 - g. Write the step by step procedure of Assembling a computer system.
3. What types of printer are available? Name them & Explain each of them. 10
4. Describe the different components and slots of Mother Board. 10
5. Explain the procedure for partitioning and formatting of HDD. 10
6. What is Trouble shooting? Explain Systematic ways of trouble shooting versus Adhoc Trouble shooting. 10
7. Write short notes on any Two. 10
 - a) Symptom Observation
 - b) Network Connector
 - c) CMOS