

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

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. Define POST.
 - b. Write the Function of SMPS.
 - c. Write the Four Major Vendors in Computer Hardware & Software.
 - d. What is Virus?
 - e. Name different types of Network cable?
 - f. Write the use of PCI slot in Mother Board.
 - g. Define PLASMA.
 - h. Define the various types of File System.
 - i. What is NIC?
 - j. Define the function of South Bridge.
 2. Answer **Any Six** Questions 5 x 6
 - a. Explain the hierarchy of Personnel engaged in different levels in organisations and their duties.
 - b. Write the Difference between Core 2 Duo and Quad Core Processor.
 - c. Describe briefly about different types of file system.
 - d. Explain Hardware BIOS interaction.
 - e. Describe the procedure for partitioning and formatting of HDD.
 - f. Explain the different types of networking devices.
 - g. What are the Bus Standards? Write any one of them.
- Answer **Any Three** Questions
3. Describe the different components and slots of Mother Board. 10
 4. What is Trouble shooting? Describe the methods of Trouble shooting. 2+8
 5. Describe about the Memories in Memory hierarchy. 10
 6. Explain the procedure for partitioning and installation of Operating System in Laptop/Desktop. 10
 7. Write short notes on any two. 5+5
 - i. BIOS
 - ii. Network Connector
 - iii. RAM