

### SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 Define "Device Interconnections."
- Q.12 Define a switch in networking.
- Q.13 How does a switch differ from a hub in terms of traffic management?
- Q.14 What are the different types of network devices?
- Q.15 How do you make the physical connection between LAN devices?
- Q.16 What are the different types of LAN devices?
- Q.17 What is a IP addressing scheme
- Q.18 What is the Address Resolution Protocol (ARP)?

### SECTION-C

**Note:** Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 What is the role of the physical layer in the OSI model?
- Q.20 a) How do you configure network devices?  
b) What is Ethernet?

No. of Printed Pages : 2

Roll No. ....

189041

**(Level 4) Trade Sem. II (SD)**

**Subject : Maintenance of Computer Systems**

Time : 2 Hrs.

M.M. : 50

### SECTION-A

**Note:** Very short answer questions. Attempt all ten questions. (10x1=10)

- Q.1 The Physical Layer is the \_\_\_\_\_ layer in the OSI model.(First/ Fifth)
- Q.2 Expand LAN
- Q.3 LANs are designed to connect devices which are geographically away from each other (True/False)
- Q.4 Define network
- Q.5 Define ARP
- Q.6 What do you mean by physical address
- Q.7 What do you mean by network topology
- Q.8 Ethernet is a network protocol that uses cables to connect devices. (True/False)
- Q.9 .....sends a small packet to a device and waits for a response (Ping/ Network scanner)
- Q.10 In Bus topology all the devices are connected in a loop (True/False)