

Q.10 What is meant by communication signals

### SECTION-B

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

Q.11 Write a short note on Ethernet.

Q.12 How a network connectivity is verified.

Q.13 Write a short note on address resolution protocol.

Q.14 Write a short note on encoding.

Q.15 Why subnetting is required. Explain in brief.

Q.16 How data is communicated through LAN.

Q.17 Mention any two functions of switches. Also compare HUB and switch with respect to broadcast and collision domain

Q.18 Write a short note on developing an addressing scheme.

### SECTION-C

**Note:** Long answer type questions. Attempt any one questions out of two questions. (1x10=10)

Q.19 How ethernet frames are generated? Explain its format in detail.

Q.20 Discuss in detail about the steps in configuring and testing your network.

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Roll No. ....

**Level 4, 2nd Sem / (DVOC) SD**

**Subject : Maintenance of Computer System**

Time : 2 Hrs.

M.M. : 50

### SECTION-A

**Note:** Very short answer type questions. All questions are compulsory. (10x1=10)

Q.1 What is the need of maintenance of computer system

Q.2 Name one network device.

Q.3 What does the physical layer of OSI deals with.

Q.4 Mention name of any one protocol used in physical layer.

Q.5 Mention one function of a switch.

Q.6 Why switches are better than hubs.

Q.7 ARP stands for\_\_\_\_\_.

Q.8 What is meant by IP address.

Q.9 Define the term of Encoding.

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