

Q.10 What is meant by communication signals

No. of Printed Pages : 2

189041

### **SECTION-B**

**Note:** Short answer type questions. Attempt any six questions out of Eight questions.  $(6 \times 5 = 30)$

Q.11 Write a short note on Ethernet.

Time : 2 Hrs.

M.M. : 50

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.

### **SECTION-A**

**Note:** Very short answer type questions. All questions are compulsory.  $(10 \times 1 = 10)$

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.

(60)

(2)

189041

(1)

189041

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.

### **SECTION-C**

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

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.

Q.10 What is meant by communication signals

No. of Printed Pages : 2

189041

### **SECTION-B**

**Note:** Short answer type questions. Attempt any six questions out of Eight questions.  $(6 \times 5 = 30)$

Q.11 Write a short note on Ethernet.

Time : 2 Hrs.

M.M. : 50

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.

### **SECTION-A**

**Note:** Very short answer type questions. All questions are compulsory.  $(10 \times 1 = 10)$

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.

(60)

(2)

189041

(1)

189041

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.

### **SECTION-C**

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

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.