

Professor Vishwanathan Iyer's

# HERAMB COACHING CLASSES

Yogeshwar Towers, Katemanivali, Kalyan (East)

Date: 12/11/17

**XII/Information Technology**

**Marks: 30**

**Duration:1Hr**

**Q.1. (A) Fill in the blanks:**

**(05)**

1. A \_\_\_\_\_ is a map of network.
2. In data communication components, \_\_\_\_\_ is a transmitting device.
3. Exchange of information is called \_\_\_\_\_.
4. The network, which interconnects multiple station over a very small area, is called \_\_\_\_\_.
5. \_\_\_\_\_ network consists of number of computers that operates at equal level.

**Q.1. (B) True or False:**

**(05)**

1. Protocols are rules and procedures for communication.
2. Twisted pair cable is used in telephone lines.
3. Optical fiber transmits electrical signals.
4. Star physical topology, is rarely used.
5. UTP stands for shielded twisted protocol.

**Q.2. Answer the following:**

**(20)**

1. What do you mean by Data Communication?
2. Write down difference between LAN, MAN, WAN.
3. Explain ARP and RARP?
4. What is a hub? Explain its types.

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