(Level 4) Sem II, SD

Subject : Maintenance of Computer systems

Time : 2 Hrs.   M.M. : 50

SECTION-A

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

Q.1   Expand OSI

Q.2   Expand ARP

Q.3   LANs are designed to connect devices within a limited geographic area, such as a home, office, or campus. (True / False)

Q.4   What is the main advantage of using a switch over a hub ?

Q.5   Define "device" interconnections

Q.6   What do you mean by physical media

Q.7   Define internet

Q.8   What is twisted cable

Q.9   What is a modem

Q.10   Name any two networking ?

SECTION-B

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

Q.11   What is the purpose of LANs?

Q.12   Briefly explain the concept of subnetting.

Q.13   What is the primary function of a hub ?

Q.14   Briefly describe the concept of MAC address table in switches.

Q.15   What are the basic steps involved in configuring a network device?

Q.16   What are the different types of LAN cabling?

Q.17   What is Coaxial cable ?

Q.18   What are the components of an Ethernet frame ?

SECTION-C

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

Q.19   Describe the different types of physical media that can be used for networking .

Q.20   a)   What are hubs and switches ? How do they differ?

         b)   How do you monitor and document your network?