DVOC (Level 4)
Sem / Trade
Subject : Computer Networks

Time : 2 Hrs.   M.M. : 50

SECTION-A

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

Q.1 Define networking.

Q.2 How many levels of priority is defined in IPV4 protocol.

Q.3 Write any one function of network layer in OSI reference model.

Q.4 The data layer lies between_____layer and_____layer.

Q.5 Give one disadvantage of network.

Q.6 Define internet.

Q.7 List any one service provided by data link layer to network layer.

Q.8 Class A has_____number of bits to identify the host part.

Q.9 What is meant by physical addressing.

Q.10 Write the main function of the physical layer.

SECTION-B

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

Q.11 What are interface, services and protocols.

Q.12 Discuss how TCP provides reliability using error control.

Q.13 List different classes of IP addressing. Also discuss in brief.

Q.14 What do you understand by computer Network. Explain its elements briefly.

Q.15 Convert IP address written in decimal form 19.29.10.1 in binary form.

Q.16 Differentiate between TCP and UDP.

Q.17 Write a short note on MAC Addressing and Framing data.

Q.18 Discuss any two MAC Techniques.

SECTION-C

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

Q.19 Discuss in detail the functions of layers in OSI model.

Q.20 Explain in detail the architecture of Internet.