Level 4 / 2nd. Sem. / DVOC

SD

Subject : Computer Networks

Time : 2 Hrs.   M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are

compulsory   (10x1=10)

Q.1   What is Interworking?

Q.2   What is difference between LAN and WAN?

Q.3   How many bits are there in IP Address?

Q.4   What is role of transport layer?

Q.5   Define framing.

Q.6   What is IP address?

Q.7   What is communication model?

Q.8   How many bits a MAC address has?

Q.9   Expand UDP.

Q.10   What are protocols?

SECTION-B

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

Q.11   Explain the format of IPV6.

Q.12   Explain routing process.

Q.13   Convert IP address written in decimal form
255.190.55.10 in binary form.

Q.14   Explain trends in networking.

Q.15   Explain the application layer protocols.

Q.16   Explain the computer network and communication
model.

Q.17   Explain difference between TCP and UDP.

Q.18   Write architecture of Internet.

SECTION-C

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

Q.19   What is IP address? Explain different classes of IP
addresses.

Q.20   Explain functions of Network layer, Application
Layer and Presentation layer in detail.