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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(ECE) (E-IV) (Sem.-3)

**INTERNETWORKING AND INTERNET PROTOCOLS**

Subject Code : EC-522

Paper ID : [E0579]

Time : 3 Hrs.

Max. Marks : 100

**INSTRUCTION TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

Q1) Define Protocol Standardization. List the need of Internet.

Q2) Differentiate between LAN, MAN and WAN. Provide an example of each.

Q3) Describe the concept of supernet/subnet addressing.

Q4) Describe in detail :

a) DHCP

b) ICMP

Q5) Discuss the concept of Protocol Layering.

Q6) Differentiate between X.25 and Internet Layering.

Q7) Discuss the usage of Gateways and Bridges.

Q8) Describe in detail the Denial of Service Attacks.