

**Total No. of Pages : 01**

**Total No. of Questions : 08**

**M.Tech.(ECE) EL-IV (2016 Batch) (Sem.-3)**  
**INTERNET WORKING AND INTERNET PROTOCOLS**  
**Subject Code : MTEC-302B**  
**Paper ID : [74777]**

**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) a) What are Internet Services? List some examples.

b) Explain the concept of Protocol Standardization.

Q2) Explain in detail the Internetworking concepts.

Q3) Describe the structure of IP packets.

Q4) Describe in detail :

a) ICMP

### b) Routing algorithms

Q5) Discuss the concept of Intrusion Detection Systems.

Q6) Describe the Denial of Service attack in a network.

Q7) Discuss the concept of Reliable Transactions and Security on Internet.

Q8) Describe in detail the congestion control techniques.