Bapatla Engineering College :: Bapatla
(Autonomous)
Department of Information Technology
I -Mid Term Examination

Date: 31-08-2019	Sub. Code: **14EE506** (**Semester-V**)	Max.: 30 Marks
Class: **III/IV B.Tech, SEC: EEE-A,B&C**	Sub: **Computer Network**	Time: 90 Min

Answer Question No.1 compulsorily. (6*1=6 marks)

*Answer **ONE** question from each unit.* (2*12=24 marks)

1. **Answer all questions.**

   a. Define IP protocol

   b. What are the uses of computer networks?

   c. What are the Congestion control Algorithms .

   d. Use TCP protocol.

   e. Explain about ARP & RARP

   f. What are layers in TCP mode

UNIT-I

2. a) Difference between Distance vector routing and link state routing   6M

   b) Explain about token bucket and leaky bucket algorithm for congestion control   6M

(OR)

3. a) Explain about Quality of services in networks layer   6M

   b) Explain about connection oriented and connectionless services   6M

UNIT-II

4. a) Differences between TCP and UDP   6M

   b) Explain about TCP Timer Management in computer network   6M

(OR)

5. a) Describe Elements of Transport Protocols   6M

   b) Explain about TCP Segment Header with neat diagram   6M