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

Date: 02-11-2019	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. Explain about SMTP protocol?

   b. List out MPEG versions.

   c. Explain about RSA .

   d. Application of Application layer.

   e. Use of PGP .

   f. Define Digital Signature.

UNIT-I

2. a) What is meant by DNS ? Explain DNS resource record.   6M

   b) Difference between JPEG and MPEG   6M

(OR)

3. a) Discuss about JPEG compression and decompression techniques with diagram   6M

   b) Distinguish between lossy and lossless decompression with diagram   6M

UNIT-II

4   a Explain about Diffie-Hellman key exchange   6M

   b) Difference between symmetric and asymmetric Encryption   6M

(OR)

5   a) Explain Data Encryption standard(DES)   6M

   b) Explain principle of security .   6M