Code: 9D08205

M.Tech II Semester Supplementary Examinations August/September 2018
CRYPTOGRAPHY & NETWORK SECURITY
(Computer Networks)
(For students admitted in 2013, 2014, 2015 & 2016 only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   Describe the concepts of steganography and asymmetric key cryptography.

2   Discuss the usage of AES for encryption and decryption with an example.

3   Explain RSA algorithm in detail with an example.

4   Describe HMAC algorithm in detail.

5   Explain public key cryptography standard (PKCS) in detail.

6   Explain the Kerberos protocols functioning in client server communication.

7   Explain the architecture of IP security in detail.

8   Define viruses and related threats. Explain in detail.

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