13-CSE -III/II - 6546

Code No: 56030

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, May - 2016
NETWORK SECURITY
(Common to CSE, IT)

Time: 3 hours   Max. Marks: 75

Answer any five questions
All questions carry equal marks
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1.a) Explain various security attacks.
  b) What is UDP hijacking?   [8+7]

2.   Explain HMAC algorithm.   [15]

3.a) Explain about Kerberos.
  b) Compare Symmetric algorithms with public key algorithms.   [7+8]

4.a) Explain the fields in PGP message format.
  b) What are the S/MIME messages?   [7+8]

5.a) Draw and explain fields in AH header.
  b) Write short notes on key management.   [7+8]

6.   Explain about secure Electronic Transaction.   [15]

7.a) Write about SNMPV1 community facility.
  b) Write short notes on intruders.   [7+8]

8.a) Explain about trusted systems.
  b) What are the limitations of firewalls?   [7+8]

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