Code: R7320504

B.Tech III Year II Semester (R07) Supplementary Examinations May/June 2016
INFORMATION SECURITY
(Computer Science and Engineering)
(For 2008 Regular admitted batch only)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
All questions carry equal marks
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1 (a) Draw a matrix that shows the relation between security mechanisms and attacks.
   (b) Explain the network security model with a neat diagram.

2 (a) What are the two alternatives of encryption done over a packet switching network? Explain.
   (b) Mention and explain the different ways of providing authentication.

3 (a) What are the components of a Digital Certificate? Explain.
   (b) What is 1123 mod 187?

4   Discuss the security services provided by PGP for email.

5 (a) Describe ESP with authentication option.
   (b) Discuss about transport tunnel bundle in detail.

6 (a) Write about challenges of present web.
   (b) Discuss in detail about web security attacks.

7 (a) Draw the figure showing VACM logic and explain.
   (b) Discuss about distributed intrusion detection in detail.

8 (a) Discuss about the weakness of packet filter firewalls.
   (b) What does stateful inspection firewall mean? Explain.

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