Code: 9F00404a

MCA IV Semester Supplementary February 2014 Examinations
INFORMATION SECURITY
(For 2009, 2010 & 2011 admitted batches only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   How Kerberos model is implemented for encryption and decryption.

2   (a)   How intruder accesses the machine? Discuss various techniques used by intruders.
    (b)   What is mean by Trojan horse? Explain in detail.

3   Discuss AES cryptography algorithm in detail.

4   'Proxy Good Privacy' (PGP) provides confidentiality. Prove this sentence with various cryptographic functions.

5   Discuss IP sec transport mode and IP tunneling mode.

6   Write a short note on
    (a)   Intrusion detection system.
    (b)   Firewall types.

7   Explain the concept of S/MIME with Email security techniques.

8   How securely electronic transaction is performed?
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