Code: 9F00404a

MCA IV Semester Regular & Supplementary Examinations September/October 2014
INFORMATION SECURITY
(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   What is meant by Cryptography? Explain public key cryptography and private key
        cryptography.

2   List and explain various threats in web security.

3   What is Virus? Explain different types of viruses.

4   Describe trusted system with its architecture.

5   Write short note on:
    (a)   SHA - 256.
    (b)   SHA - 512.
    (c)   SHA - 384

6   Discuss Pretty Good Privacy (PGP) services.

7   How key management is done while implementing IP security?

8   What is the role of SNMP in information security?

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