ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

Term-End Examination
December, 2013

OSEI-044 : SERVER SECURITY

Time : 2 hours   *Maximum Marks : 50*

Note :   *Section-A :*   *Answer all questions.*

       Section-B :   *Answer all very short answer type questions.*

       Section-C :   *Answer 2 out of 3 short answer type questions.*

       Section-D :   *Answer 2 out of 3 long questions.*

SECTION - A
(Attempt all the questions)   1x10=10

1. The full form of SMTP is _____.

2. _____ is a parasitic software that is secretly installed on your computer when you download and install software online.

3. _____ is the most common bootloader for $\times 86$ machines.

4. _____ is the most popular scripting language on the Internet.

5. _____ are small pieces of information that a server sends to a browser to be stored on the client machine.

6. A _____ attack involves firing a SQL query via the input data from the client to the application.

7. In _____ attack, the attacker attempts to insert himself in the middle of a communication.

8. Identify theft is also known as _____.

9. WPA is _____ (more/less) secure than WEP.

10. AMPS stands for _____.

SECTION - B

11. Write short notes on the following :   2x5=10
    (a) Managing Rogue Risk
    (b) Denial of service
    (c) Kerberos
    (d) Firewall
    (e) Attack vector

SECTION - C

5x2=10

(Attempt any 2 out of 3 short answer type questions)

12. Describe various runlevels of Linux.

13. Write short note on wireless attacks detection techniques.

14. What are the main challenges of building secure software.

(Attempt 2 out of 3 long questions)

15. Describe how do the spoofers scammer get the e-mail addresses ? Suggest ways to deal with the same and prevention guidelines.

16. What are various modes of unauthorised access in wireless ? Explain.

17. What are various threats that can be used on a web application ? Describe any three attacks in detail.

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