

**ADVANCED CERTIFICATE IN
INFORMATION SECURITY (ACISE)**

Term-End Examination

June, 2013

00001

OSEI-044 : SERVER SECURITY

Time : 2 hours

Maximum Marks : 50

Section-A : Answer all the objective type questions.

Section-B : Answer all the 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. _____ attacks are used to exploit authentication systems that are susceptible to denial of service. **1**
2. _____ or remote data recovery is yet another method to restore the lost or deleted data. **1**
3. _____ links two or more devices using a wireless distribution method. **1**

4. During _____ type of attack, the attacker is trying to bypass security mechanisms while having minimal knowledge about them. 1
5. A _____ loadable module can be implemented in C. 1
6. An _____ buffer exists in internet explorer and office applications for machintosh. 1
7. _____ files provide a means to store information in a way that uses, less space on a hard disk. 1
8. _____ is the first step in gaining unauthorized access to the system. 1
9. _____ are an especially devious way to create access to remote systems. 1
10. Files that you download from questionable sources are also likely to contain_____. 1

SECTION - B

(Attempt all 5 very short answer type questions)

(Attempt all the questions)

5x2=10

11. What is a software patch ? 2
12. Describe man in the middle attack. 2
13. Write a note on system calls. 2
14. Describe terms white hat and black hat hackers. 2
15. Write a short note on system security attacks. 2

SECTION - C

(Attempt 2 out of 3 short answer type questions)

2x5=10

16. Write a note on possible threats to an application. 5
17. Write a descriptive note on firewalls. 5
18. Justify the statement "Security is simplicity". 5

SECTION - D

(Attempt 2 out of 3 long questions) 2x10=20

19. Write a descriptive note on client side technologies. 10
 20. Write a note on challenges of building secure software. Also, discuss the need of human resources requirements for secure maintenance of server. 10
 21. Discuss the applications of wireless networks. Also, Write a note on the environments concern and health hazards of wireless networks. 10
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