

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

**Term-End Examination  
June, 2014**

**OSEI-044 : SERVER SECURITY**

*Time : 2 hours*

*Maximum Marks : 50*

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

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**SECTION - A**

(Attempt all the questions)

**1x10=10**

1. The three kinds of drivers in WDM are bus, function and \_\_\_\_\_ drivers.
2. \_\_\_\_\_ is a program which is used to gain access to a computer by installing a program on infected PC to open some backdoor.
3. The windows redirector is used by a \_\_\_\_\_ to access files, whether local or remote, regardless of the underlying network protocols in use.

4. LILO and \_\_\_\_\_ are most commonly used boot loaders.
5. Linux boots the system into a multi-user mode with text based console login capability. This runlevel is runlevel \_\_\_\_\_.
6. WAPI Stand for \_\_\_\_\_.
7. \_\_\_\_\_ errors are characterized by overwriting of memory fragments of the process.
8. The \_\_\_\_\_ setting enables us to specify a computer on our network which has all ports that are open.
9. The \_\_\_\_\_ is the software residing inside a computer OS that has the responsibility of maintaining sufficient communication between the hardware and the rest of the software.
10. DES is a \_\_\_\_\_ Encryption.

### SECTION - B

(Attempt all the questions)

2x5=10

11. Write short notes on the following :
  - (a) Bluetooth Attack Tools
  - (b) 802.11 Security
  - (c) Public Key Encryption
  - (d) Types of Hackers
  - (e) Protection Measures

### SECTION - C

(Attempt any 2 out of 3 short answer questions)

5x2=10

12. Discuss the concept of a Strong Password.
13. What are the cornerstones of Internet Security ?
14. Discuss about vulnerabilities of Internet Explorer.

### SECTION - D

(Attempt any 2 out of 3 long answer questions)

10x2=20

15. Describe in detail at least three wireless attack tools.
  16. Describe basic steps to learn hacking. Give at least two examples of CD command hacks.
  17. What is a software patch ? What are its various types ? Name some patch application process tools.
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