

00741

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

**Term-End Examination**

**December, 2013**

**OSEI-041 : INFORMATION SECURITY**

*Time : 2 hours*

*Maximum Marks : 50*

*Note : Section 'A' - Answer all the objective type questions.*

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

*Section 'C' - Answer any two questions out of three short answer type questions.*

*Section 'D' - Answer any two questions out of three long questions.*

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**SECTION - A**

Objective type questions. Attempt all the questions.

1. CRC stands for \_\_\_\_\_ . 1
  - (a) Cyclic Redundancy Check
  - (b) Cyclic Risk Check
  - (c) Cluster Redundancy Check
  - (d) None of these
  
2. \_\_\_\_\_ are programs that run independently 1  
and travel from computer to computer across  
network connections. It may have portions of  
themselves running on many different computers.

3. \_\_\_\_\_ is the type of testing ,the user are invited at the development centre where they use the application and the developers note every particular input or action carried out by the user. 1
4. In DOS attack , “DOS” stands for Disk Operating System. 1  
(a) True (b) False
5. White Box testing is also called as Glass - Box testing. 1  
(a) True (b) False
6. RAT stands for \_\_\_\_\_ . 1  
(a) Recovery Admin tool  
(b) Recover Assesment tool.  
(c) Remote Artificial Technology.  
(d) Remote Administration tool.
7. VOIP and IPS stands for \_\_\_\_\_ . 1
8. \_\_\_\_\_ command is used to set the passkey in UNIX operating system. 1
9. NTFS stands for \_\_\_\_\_ . 1
10. SSL stands for \_\_\_\_\_ . 1

### SECTION - B

Very short type questions. (Attempt all the questions)

11. Write a short note on Digital Signature. 2
12. What do you mean by virus in computer security ? 2
13. Write a short note on user restricted data. 2

14. Write a short note on Virtualization. 2
15. How software security threatened ? 2

### SECTION - C

Short answer type questions. (Attempt 2 out of 3 questions)

16. What are computer worms ? How they are different from "computer viruses" ? 5
17. Discuss the role of computer auditor and scope of computer audits. 5
18. Explain the security requirements of the network. 5

### SECTION - D

Long answers type questions. (Attempt 2 out of 3 questions)

19. What do you understand by " Anti - Piracy Tools"? What is the process of secure downloading from internet ? 10
20. What is snapshot utility ? What is Defragmentation and why we need it ? What are the functions of the firewalls ? Explain the concept of algorithms. 10
21. Explain the given terms : 10
- (a) OS and Application Attack
  - (b) VIRUS
  - (c) PC Audit
  - (d) Nature of Computer Audits
  - (e) Registry Cleaning