

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

Term-End Examination 00284

December, 2012

OSEI-041 : INFORMATION SECURITY

Time : 2 hours

Maximum Marks : 50

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- 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

(Attempt all the questions.)

1. NAT stands for _____. 1
- (a) Network Advance Translator.
(b) Network Active Translator.
(c) Network Addressing Translator.
(d) None of these
2. Netscan Tool Pro is used for _____. 1

3. In computing, _____ is the creation of a virtual version of something, such as hardware platform, operating system, a storage device or network resources. 1
4. Packet Filtering is done in _____ layer of OSI Model. 1
5. IKILLYOU is a virus. 1
(a) True (b) False
6. CIFS stands for _____ and MAC stands for _____ 1
7. Client-Server is a type of _____. 1
8. EMail Hacking, Password cracking and Denial-of-Attacks can be done by Black Hat Hackers. 1
(a) True (b) False
9. We can change our IP Address given by Service Provider by the Technique called IP _____. 1
10. On-line Gambling is a Cyber Crime. 1
(a) True (b) False

SECTION - B

(Very short answer type questions.)

(Attempt all the questions.)

11. Write a short note on BIOS and OS. 2
12. What is the difference between "PUT" and "GET" method in Hypertext Transfer Protocol ? 2
13. Explain the term Trojans. 2
14. What is the difference between Firewall and Antivirus ? 2
15. What do you understand by Accidental Deletion or Format ? 2

SECTION - C

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

16. Write a short note on cryptography and its working. 5
17. Explain the concept of Data Encryption and its uses. 5
18. Write in short on 3-D Secure Protocol and IP sec (Internet Protocol Security). 5

SECTION - D

(Attempt 2 out of 3 long questions.)

19. Explain vulnerabilities in Information Security with the explanation of any three Malicious Attacks. 10
20. What is Information Security ? What do you understand by security and threats in Information Security ? 10
21. Write short notes on the following : 5x2=10
- (a) Data Repository Model
 - (b) Network Spoofing
 - (c) Information Theft
 - (d) System Failure
 - (e) Social Engineering
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