ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

Term-End Examination

June, 2014

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 answers type questions.*

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

SECTION-A

Objective type questions.

(Attempt **all** the questions)

1.   GID stands for _____ .   1
     (a)   Group Identification
     (b)   Group Integrated Devices
     (c)   Graphico Intrusion Detection
     (d)   Google ID

2.   In DoS Attack, "DoS" stands for "Denial of   1
     Services".
     (a)   True   (b)   False

3. Static analysis involves going through the code in order to find out any possible error/defect in the code. **1**
   (a) True   (b) False

4. _____ is the range of well known ports. **1**

5. EFS stands for _____ . **1**

6. ARPANET stands for _____ . **1**

7. RAT stands for _____ . **1**
   (a) Recover Admin Tool
   (b) Recover Assessment Tool
   (c) Recovery Artificial Technology
   (d) Remote Administration Tool

8. NAT stands for Network Address Translator. **1**
   (a) True   (b) False

9. _____ command is used for setting up the passkey in UNIX operating system. **1**

10. UAC stands for _____ . **1**

SECTION-B

Very short answer type questions.
(Attempt **all** the questions)

11. Explain "Virtualization". **2**

12. What is Fragmentation ? **2**

13. What are Antivirus and Worms ? **2**

14. Write a short note on Snapshot.   **2**

15. How Software Security is threatened ?   **2**

SECTION-C
Short Answers type questions
(Attempt **2** out of **3** questions)

16. Discuss approved network traffic and write a short note on Storage Security and Physical Memory.   **5**

17. Explain how port scanner is different from vulnerability scanner tool.   **5**

18. What are the causes of Software Piracy ?   **5**

SECTION-D
Long Answers type questions.
(Attempt **2** out of **3** questions)

19. What are data recovery techniques ? Generate the Computer Security Audit Checklist.   **10**

20. Explain IPSec, Internet Key Exchange and Kerberos. Write a short note on economical threat.   **10**

21. Explain the given terms :   **10**
   (a) Social Engineering
   (b) Network Attacks
   (c) PC Audit
   (d) Adware
   (e) SSL