| OSEI-042 |

ADVANCED CERTIFICATE
IN INFORMATION SECURITY (ACISE)

Term-End Examination   00745

December, 2011

OSEI-042 : SECURING INTERNET ACCESS

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 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. The history of browsing goes hand in hands with   **1**
    the invention of _____ .

2. The problem of reliability with respect to virtual   **1**
    shopping cart was provided by _____ .

3. _____ e-mails link to the fake websites and   **1**
    a key trait for most of the popular online scams.

4. Every user of a personal computer should be   **1**
    familiar with firewalls, _____ programs, and
    anti malware programs.

5. Mail and _____ fraud is where the highest number of fraud cases happen.   1

6. The _____ defines a web service as a software system designed to support interoperable machine-to-machine interaction over a network.   1

7. A _____ is an interface that provides access to a resource, application or service.   1

8. _____ is the branded product extension of the IEEE 802.11 wireless standard.   1

9. Over the last decade, the _____ involving computers have been increased.   1

10. _____ sensitive data within government agencies is an obvious necessity.   1

SECTION -B

(Attempt all the questions)

11. Write a short note on privacy of kept history data.   2

12. Discuss e-cards.   2

13. Write a small note on privacy with social   2
     networking sites.

14. Write a note on web API.   2

15. What is digital incident response ?   2

SECTION - C

(Attempt 2 out of 3 short answer type questions)
2x5=10

16. Write a note on types of cookies.   5

17. Discuss the laws of Internet Privacy Protection.   5

18. Write a note on future of web applications.   5

SECTION - D

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

19. What do you understand by the term phishing ? **10**
    How can one recognize phishing and fake websites ? Discuss in brief the safety measures against phishing.

20. What are commonly used methods for committing **10** credit card frauds ? Also, discuss Bin attack.

21. Write a note on Computer Security Incident **10** Response Team (CSIRT) three groups. Also, what do you understand by Pre-incident preparation ?