ADVANCED CERTIFICATE
IN INFORMATION SECURITY (ACISE)

Term-End Examination

June, 2014

OSEI-042 : SECURING INTERNET ACCESS

Time : 2 hours   *Maximum Marks : 50*

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

SECTION - A
(Attempt all the questions)   **1x10=10**

1. A file that lists the actions that have occurred is called a _____ file.

2. RSA is _____ key cryptosystem.

3. User can create their own tags using _____.

4. Web services platform elements include SOAP, UDDI and _____.

5. Criminals bombard the service providers with requests so that they are not able to process genuine user service requests. This is known as _____.

6. The term used for water marking of compressed data such as video is known as _____.

7. Class 1 Bluetooth devices have the range of _____ metres.

8. A text file used for checking user's Internet related activities is called _____.

9. For sending an e-mail, we generally use _____ server.

10. _____ is a computer program that can copy itself and infect a computer.

SECTION - B

(Attempt **all** the questions)　　　2x5=10

11. Write short notes on :
    (a) Types of cookies
    (b) Types of cables
    (c) Online banking related threats
    (d) Web services
    (e) Identity Theft

OSEI-042　　　　　　　2

SECTION - C

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

5x2=10

12. Write a short note on Laws for Internet Privacy Protection.

13. How does Wi-Fi technology help in building network infrastructure ?

14. Classify cyber crime depending on the victim. Briefly describe each of them.

SECTION - D

(Attempt **2** out of **3** long answer type questions)

10x2=20

15. Explain the security design considerations in web services.

16. Assume yourself to be Network Administrator of an educational institution that provides Internet access to its student (s), faculty members etc. via, laptop, desktop or mobile etc. What guidelines would you put in place for securing Internet Access. Give the threat assessment and then the solution for threat.

17. What is the problem of identity theft in online world ? What measures should be taken up to prevent Identity theft ?

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