OSE-043

ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

00762

Term-End Examination

December, 2016

OSE-043 : INFORMATION TECHNOLOGY SECURITY

Time : 3 hours   *Maximum Marks : 70*

Note :   (i)   *Section A - Answer all the questions.*

(ii) *Section B - Answer all the questions.*

(iii) *Section C - Answer any three questions out of four.*

SECTION – A

(Answer all the questions)

1.   Fill in the blanks   3

(a)   P3P stands for _____.

(b)   UIDAI stands for _____.

(c)   The IT Amendment Act was passed by the Indian Parliament in the year _____.

2.   Write the short note (mainly 4 - 5 lines) on the following :   4x3=12

(a)   Content filter

(b)   Digital signature

(c)   Hacking

(d)   Encryption

OSE-043   1   P.T.O.

SECTION – B

(Answer **all** the questions)

3. Explain the features and benefits of certification. **5**

4. Discuss the limitations of Information Technology **5**
    Amendment Act 2008.

5. List down the various types of attackers in the **5**
    Cyberspace.

6. Explain the benefits of cyber Security standards. **5**

7. Explain ISMS (Information Security Management **5**
    System).

SECTION – C

(Answer **any three** questions out of **four**)

8. What is Internet Privacy ? What is P3P ? What **10**
    has it got to do with privacy ?

9. Explain W3C standards. What are the **10**
    advantages of using such standards ?

10. Explain the different types of Intrusion Detection **10**
    system (IDS) with their advantages and
    disadvantages.

11. Explain various components used in designing the **10**
    security architecture.