ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

00861

Term-End Examination

June, 2015

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) HTML is used to structure content and _____ is used for formatting structured content.

(b) _____ refers to message - based design frequently found on the web and in enterprise software.

(c) _____ develop standards for all types of electrotechnologies.

2. Write short notes (mainly in **4 - 5** lines) on the following : **4x3=12**
   (a) Certification
   (b) Information Security
   (c) Electronic evidence
   (d) Hacking

SECTION - B
(Answer **all** the questions)

3. Explain the privacy concerns on cookies. **5**

4. Explain the main functions of W3C. **5**

5. Whether intermediary are liable for any third **5** party information, data or communication link made available or hosted by him.

6. What are the benefits of web standards ? **5**

7. Explain the various types of vulnerabilities in the **5** cyber space.

SECTION - C
(Answer **any three** questions out of **four**)

8. "ISO/IEC 27036 is a multi-part standard offering **10** guidance on the evaluation and mitigation of security risks involved in the procurement and use of information or IT-related services supplied by other organizations". Elaborate this statement in detail.

9. "Security roles and responsibilities of employees, **10** contractors and third-party users should be defined and documented in accordance with the organization's information security policy". Please elaborate this statement in detail.

10. Each organization needs to establish its policy and **10** objectives for information security and achieve those objectives effectively by using a management system. Do you agree ? Explain in detail.

11. Deciding a large number of technical issues about **10** computer's security is not an easy task to do. Do you think that user require more than a simple trust to secure their computer system ? Provide your view with explanation.