OSE-043

ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

00434

Term-End Examination

December, 2014

OSE-043 : INFORMATION TECHNOLOGY SECURITY

Time : 3 hours *Maximum Marks : 70*

Note : Section A – Answer **all** the questions.

Section B – Answer **all** the questions.

Section C – Answer any **three** questions out of four.

SECTION A

*Answer **all** the questions.*

1. Fill in the blanks : 3

(a) The _____ is an international community that develops standards to ensure the long-term growth of the web.

(b) _____ and _____ are the basis of building web pages and web applications.

(c) _____ is defined as "anything that has value to the organization."

2. Write short notes (mainly in 4-5 lines) on the following : *4×3=12*

(a) Document Object Model (DOM)

(b) Opt-out Cookies

(c) Security Framework

(d) Hacking

SECTION B

*Answer **all** the questions.*

3. Explain the features and benefits of certification.   5

4. Describe the role of European Computer Manufacturers Association (ECMA).   5

5. Explain the evolution of IT Amendment Act.   5

6. Explain the potential privacy fallouts of UID project.   5

7. List down the various types of attackers in the cyberspace.   5

SECTION C

*Answer any **three** questions out of four.*

8. Organization that is responsible for information security and network security should be able to adapt the cyber security standards to meet their specific requirements. Do you agree ? Explain.   *10*

9. "Information security incident is a series of unwanted or unexpected information security events that have a significant probability of compromising business operations and threatening information security." Elaborate this statement in detail and explain the lacunaes existing in the methods of information security.   *10*

10. The web is used for receiving information as well as providing information and interacting with society, making it essential that the web should be accessible to provide equal access and equal opportunity to people with disabilities. Do you agree ? Explain in detail.   *10*

11. "Employees, contractors and third party users should be aware of information security threats and concerns, of their responsibilities and liabilities, and should be equipped to support organizational security policy in the course of their normal work, and to reduce the risk of human error." Elaborate this statement in detail.   *10*

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