

**ADVANCED CERTIFICATE IN INFORMATION
SECURITY (ACISE)**

Term-End Examination

June, 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 all the questions.

SECTION - A

(Answer all the questions)

1. Write differences between the following : **3x5=15**
- (a) P3P and Privacy
 - (b) Online Privacy and Offline Privacy
 - (c) Security audit class and Communication class.
 - (d) Information and asset
 - (e) Hackers and Cyber Stalker

SECTION - B

(Answer all the questions)

2. Explain the rules enacted to regulate the disclosure of sensitive personal data or information by body corporate to any third party. **5**

3. Explain Information Security Management System. 5
4. Explain the benefits of Cyber Security Standards. 5
5. Explain the Standard evaluation methodology. What is the role of W3C and explain its significance. 5
6. W3C Recommendation is the final stage of a ratification process of the World Wide Web Consortium (W3C) working group concerning a technical standard. Please explain this statement. 5

SECTION- C

(Answer **all** the questions)

7. Certification framework provides a catalog of Standardized Functional Components. Explain the purpose served by such functional components and explain their classification. The Information Technology (Amendment) Act, 2008 provides for the privacy of information held in the computer systems and networks. Do you agree with this statement ? Give reasons. 10

OR

- Risk is combination of the probability of an event and its consequence. Explain how can an organization effectively treat and manage risks involved in keeping the digital information protected from any misuse. 10

8. Analyse the following situations as a cyber inspector and find out how such cyber criminals can be booked under the IT Act. Please also suggest instructions to be followed by netizens to prevent such cyber crimes to happen. 20
- (a) Mr. Z stealing confidential data from laptop in an organization.
 - (b) Mr. Y was sending grossly offensive, deliberate and hostile messages to Mr. X on the social networking site.
 - (c) Mr. A has stolen the information contained on the debit card of Mr. B and used to obtain funds from his account without his authorization.
 - (d) Some websites containing the Photographs, directions, codes and technical details of how to use explosives.
 - (e) Bulk of rebellious comments written in the blog to incite religious riots.
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