

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

**Term-End Examination**

**June, 2018**

**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) \_\_\_\_\_ is defined as "Anything that has value to the organization".
  - (c) An attacker uses a tool to exploit \_\_\_\_\_ to perform an action on a target in order to achieve an unauthorized result.
2. Write a short note (mainly 4-5 lines) on the following : 4x3=12
- (a) Encryption
  - (b) Cyber Stalking
  - (c) Electronic Evidence
  - (d) Risk Management

### SECTION - B

(Answer all the questions.)

5x5=25

3. Explain the rules enacted to regulate the disclosure of sensitive personal data or information by body corporate to any third party. 5
4. Explain the privacy concerns on cookies. 5
5. Explain the breach of confidentiality and privacy. 5
6. Explain the role of ISO. 5
7. What are the advantages of web standards ? 5

### SECTION - C

(Answer any three questions out of four.) 3x10=30

8. Define Cyber Crimes. Explain the kinds of Cyber Crimes involved in relation to the information security. 10
9. What is IT Amendment ACT, 2008 ? Discuss its salient features. 10
10. Explain in details about various types of vulnerabilities. 10
11. Provide your suggestion (in details) to Protect Online Privacy. 10

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