

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

Term-End Examination

December, 2017

**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. (a) _____ is the language for describing the structure of web page. 3
- (b) IP sec stands for _____.
- (c) UIDAI stands for _____.

2. Write the short note (mainly 4-5 lines) on the following : 3 marks each
 - (a) Information security
 - (b) Encryption
 - (c) Digital forensic
 - (d) Content filter

SECTION - B.

(Answer all the questions.)

3. Explain the benefits of cyber security standards. 5
4. Explain the various types of vulnerabilities in the cyber space. 5
5. List down the various types of attackers in the cyber space. 5
6. Discuss the limitation of Information Technology Amendment Act 2008. 5
7. Explain ISMS (Information Security Management System). 5

SECTION - C

(Answer any three questions out of four.)

8. Explain W3C standards. What are the advantages of using such standards ? 10
9. What are the different standards which are concerned with unknown information security issues ? 10
10. What is Internet Privacy ? What is P3P ? What has P3P got to do with privacy ? 10
11. Give yours suggestions for the prevention of cyber crime. Do you think IT Law needs more amendments to adequately address all the cyber crime ? 10