

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

Term-End Examination

June, 2021

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 :

- (a) W3C stands for _____. 1
- (b) P3P stands for _____. 1
- (c) DDOS stands for _____. 1

2. Write short notes (mainly 4-5 lines) on the following : $4 \times 3 = 12$

- (a) Right to Privacy
- (b) Hacking
- (c) Digital Signature
- (d) UIDAI

SECTION B

Answer *all* the questions.

3. Describe the Breach of Confidentiality and Privacy. 5
4. Explain the primary differences between the Current Patent Practice Note and the W3C Patent Policy. 5
5. What are the benefits of Cyber Security Standards? 5
6. What is the role of ISO? 5
7. Explain the various types of attackers in cyber space. 5

SECTION C

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

8. Describe various components used in designing the security architecture. 10
 9. What are the features and benefits of certification in the IT world ? Explain the framework for security certification. 10
 10. Give your suggestions in detail to protect online privacy. 10
 11. Why do we need data protection and privacy in the virtual space ? Explain in detail. 10
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