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OSE-043

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

Term-End Examination

June, 2023

**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 questions.

P. T. O.

Section—A

Note : Answer all the questions.

1. Fill in the blanks : 3×1=3
 - (a) A hacker that changes or forges information in an electronic resource, is engaging in
 - (b)is the use of the internet or other electronic means to stalk or harass an individual, a group of individuals or an organization.
 - (c) is a small programme embedded inside of a GIF image.

2. Write short notes on the following (mainly in 4-5 lines) : 4×3=12
 - (a) Digital Signature
 - (b) Risk Management
 - (c) Right to Privacy
 - (d) Security Audit Class

Section—B

Note : Answer all the questions.

3. List down the various types of attackers in the cyberspace. 5
4. Explain the role of W3C. 5
5. Describe the breach of confidentiality and privacy. 5
6. Explain the privacy concerns on cookies. 5
7. What are the benefits of certification ? 5

Section—C

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

8. What do you mean by cyber security standards ? What are the different cyber security standards available ? Brief about them. 10
9. What is the employee perspective for maintaining information security controls ? 10

10. Accurate demonstration and enforcement of Best Practices and/or Compliance Standards is prohibitively expensive and difficult when performed individually and therefore there is need for recognized certification authorities which provide standards for specifying, developing, evaluating and certifying IT products.” Do you agree with this statement ? Explain in detail. 10
11. Explain the rules enacted to regulate the disclosure of sensitive personal data or information by body corporate to any third party. 10