ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)
Term-End Examination
December, 2020

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

1. Fill in the blanks :   3

(a) UIDAI stands for ....

(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) ISO stands for ....

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

   (a) Aadhar

   (b) Electronic signature

   (c) Data protection

   (d) Content filter

Section—B

3. Describe ISMS (Information Security Management System). 5

4. Explain advantages of web standards. 5

5. What is the purpose of Plan-Do-Check-Act (PCDA) process ? 5

6. Explain the features and benefits of certification. 5

7. What are the rules enacted to regulate the disclosure of sensitive personal data or information by body corporate to any third party. 5

Section—C

8. Give your suggestions for the prevention of cyber crimes. Do you think that IT law needs more amendments to adequately address all the cyber crimes ? 10

9. What is risk management ? Explain the mechanism to direct and control an organization with regard to risk. 10

10. What is Internet Privacy ? What is P3P ? What has P3P got to do with privacy ? 10

11. Explain the different types of Intrusion Detection System (IDS) with their advantages and disadvantages. 10

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