

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

Term-End Examination

June, 2024

OSEI-042 : SECURING INTERNET ACCESS

Time : 2 Hours

Maximum Marks : 50

Note : **Section A :** Answer all the objective questions.

Section B : Answer all the very short answer type questions.

Section C : Answer 2 out of 3 short answer type questions.

Section D : Answer 2 out of 3 long answer type questions.

SECTION-A

Note : Attempt all objective questions : $1 \times 10 = 10$

- 1. RSA is a key crypto system. 1
- 2. CSIRT stands for 1

P.T.O.

- 3. A hacker contacts you on phone or email and attempts to acquire your password is called 1
- 4. WEP stands for 1
- 5. Unauthorised access of information from a Bluetooth connection is called 1
- 6. A Program that performs a useful task while simultaneously allowing destructive acts is a a..... . 1
- 7. Password based authentication can be divided into two broad categories and 1
- 8. IEEE standard for wi-fi is. 1
- 9. A digital certificate uses key system. 1
- 10. layers are there in the OSI model. 1

SECTION-B

Note : Attempt all the very short answer type questions.

$2 \times 5 = 10$

- 11. Write short notes on :
 - (a) Plug-ins
 - (b) Digital watermarking
 - (c) e-cards
 - (d) Secure Protocols.
 - (e) Cookies

[3]

OSEI-042

SECTION-C

Note : Attempt any 2 out of 3 short answer type questions. $5 \times 2 = 10$

12. Discuss the major tasks to be performed while employing digital forensics tools ? 5
13. Explain Digital Incident Response, with suitable example. 5
14. Explain the steps for creating and deleting log files.

SECTION-D

Note : Attempt any 2 out of 3 long answer type questions. $10 \times 2 = 20$

15. Explain web services security standards. Also, discuss the threats and attacks with respect to session management. 10
16. What is cyber crime ? Explain the classification of cyber crime. 10
17. What is a digital certificate ? What informations does a digital certificate store ? How does it help in safe online transaction ? 10
