

**ADVANCED CERTIFICATE IN
INFORMATION SECURITY (ACISE)
Term-End Examination
June, 2026**

OSEI-041 : INFORMATION SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : (i) **Section A :** Answer all the objective type questions.

(ii) **Section B :** Answer all the very short answer type questions.

(iii) **Section C :** Answer any **two** questions out of three short answer type questions.

(iv) **Section D :** Answer any **two** questions out of three long answer type questions.

Section—A**(Objective Type Questions)**

Note : Attempt all the questions.

1. Hackers often gain entry to a network by pretending to be at a legitimate computer.
This is termed as 1
2. VoIP stands for 1
3. EFS stands for 1
4. IDPS stands for 1
5. Software programs that close potential security breaches in an operating system are known as 1
6. Hardware or software designed to guard against unauthorized access to a computer network is known as 1
7. UAC stands for 1
8. provides a connection-oriented reliable service for sending messages. 1
9. UDP stands for 1
10. POP stands for 1

Section—B**(Very Short Answer Type Questions)**

Note : Attempt all the very short answer type questions.

11. Define BIOS and OS. 2
12. What do you mean by User Restricted Data ? 2
13. Give some useful tricks to make a strong password. 2
14. What is network spoofing ? 2
15. What is the difference between a threat agent and a threat ? 2

Section—C**(Short Answer Type Questions)**

Note : Attempt any *two* out of three short answer type questions.

16. Discuss the measures that may be taken for intrusion detection. 5
17. Describe the concept of Data Encryption and its uses. 5
18. Explain the benefits of PC Auditing in detail. 5

Section—D**(Long Answer Type Questions)**

Note : Attempt any *two* out of three long answer type questions.

19. How do you measure Software Security ?
Differentiate between Black Box Testing
and White Box Testing. 10
20. Describe the application of Biometrics
technology in detail. 10
21. Explain how a computer system can be
attacked. Also discuss its protection
measures. 10

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