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OSEI-044

**ADVANCED CERTIFICATE IN
INFORMATION SECURITY**

(ACISE)

Term-End Examination

June, 2023

OSEI-044 : SERVER SECURITY

Time : 2 Hours

Maximum Marks : 50

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

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

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

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

P. T. O.

Section—A

Note : Attempt all the objective type questions.

10×1=10

1. Which of the following is a non-technical type of intrusion or attack technique ?
 - (a) Reverse Engineering
 - (b) Malware Analysis
 - (c) Social Engineering
 - (d) Malware Writing

2. Which of these is an example of grabbing e-mail information ?
 - (a) Cookie Stealing
 - (b) Reverse Engineering
 - (c) Port Scanning
 - (d) Banner Grabbing

3. is one of the most widely used web server platforms.
 - (a) IIS
 - (b) IAS
 - (c) ISS
 - (d) AIS

4. Which of the following is not a web server attack type ?
- (a) DOS attack
 - (b) Website Defacement using SQLi
 - (c) Directory traversal
 - (d) Password guessing
5. is the central node of 802.11 wireless operations.
- (a) WPA
 - (b) Access Point
 - (c) WAP
 - (d) Access Port
6. There are types of wireless authentication modes.
- (a) 2
 - (b) 3
 - (c) 4
 - (d) 5

7. Which of the following is a layer of protection for security ?
- (a) Platform-level protection
 - (b) Application-level protection
 - (c) Record-level protection
 - (d) All of the above
8. Controls that are intended to repel attacks is analogous to in dependability engineering.
- (a) Fault avoidance
 - (b) Fault tolerance
 - (c) Fault detection
 - (d) None of the above
9. are essential because they frequently comprises of critical patches to security holes.
- (a) System software
 - (b) Utility software
 - (c) Software executables
 - (d) Software updates

10. As a backup for securing your device, it is necessary to create a
- (a) backup point
 - (b) copy of files in separate drives
 - (c) copy of files in the same drives
 - (d) restore point

Section—B

Note : *Attempt all the very short answer type questions.* 5×2=10

11. Why does spam exist ?
12. What is MAC filtering and how effective is it ?
13. How can USB data be recovered ?
14. How does Wi-Fi connection be secured ?
15. What are the risks of wireless networks ?

Section—C

Note : *Attempt any **two** out of three short answer type questions.* 2×5=10

16. What do you mean by “cross-site-scripting” ?
What is the potential impact to servers and clients ?

17. How to reset password in Linux ?
18. What are some of the most important web server vulnerabilities ?

Section—D

*Note : Attempt any **two** out of three long answer type questions.* 2×10=20

19. What is e-mail spoofing ? How does e-mail spoofing work ? How to stop e-mail spoofing ?
20. How to set up automatic updates on Linux ?
21. How to prevent SQL injection vulnerabilities ?
List SQL injection types.