

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

Term-End Examination

01074

June, 2019

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.*

SECTION A

*Attempt **all** the questions.*

10×1=10

1. When displaying a web page, the application layer uses the _____ .
 - (a) HTTP protocol
 - (b) FTP protocol
 - (c) SMTP protocol
 - (d) None of the above

2. Mostly _____ is used in wireless LAN.
- (a) TDMA
 - (b) OFDM
 - (c) SDM
 - (d) None of the above
3. What is Wired Equivalent Privacy (WEP) ?
- (a) Security algorithm for Ethernet
 - (b) Security algorithm for wireless networks
 - (c) Security algorithm for USB communication
 - (d) None of the above
4. Pocket sniffers involve _____ .
- (a) Active receiver
 - (b) Passive receiver
 - (c) Both of the above
 - (d) None of the above
5. Firewalls are often configured to block _____ .
- (a) UDP traffic
 - (b) TCP traffic
 - (c) Both of the above
 - (d) None of the above
6. Authentication is _____ .
- (a) Modification
 - (b) Insertion
 - (c) Hard to assure identity of user on a remote system
 - (d) None of the above

7. _____ are attempts by individuals to obtain confidential information from you by falsifying their identity.
- (a) Computer viruses
 - (b) Phishing scams
 - (c) Phishing trips
 - (d) Spyware scams
8. When a logic bomb is activated by a time related event, it is known as _____ .
- (a) Virus
 - (b) Trojan Horse
 - (c) Time related bomb sequence
 - (d) Time bomb
9. SMTP is used to deliver messages to _____ .
- (a) User's terminal
 - (b) User's mailbox
 - (c) Both of the above
 - (d) None of the above
10. The first process launched by the Linux Kernel is _____ .
- (a) Init process
 - (b) Zombie process
 - (c) Batch process
 - (d) Boot process

SECTION B

*Attempt all **five** very short answer type questions. 5×2=10*

11. Describe Windows Defender.
12. Define SSL handshake protocol.
13. Describe WPA.
14. What do you mean by cookies ?
15. What is vulnerability ?

SECTION C

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

16. Explain web application attacks with example.
17. Explain Keyloggers and Sniffers.
18. How can e-mail spamming and forged e-mail be prevented ?

SECTION D

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

- 19.** Explain WEP and WAP2.
 - 20.** What is DNS spoofing ? How can DNS spoofing be prevented ?
 - 21.** What is IDS ? Explain Intrusion Detection and Prevention System (IDPS) with example.
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