

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

**Term-End Examination**

**February, 2021**

**OSEI-044 : SERVER SECURITY**

*Time : 2 hours*

*Maximum Marks : 50*

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**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.*

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**SECTION A**

*Attempt **all** the questions.*

*10×1=10*

1. In the architecture of e-mail, we can have

\_\_\_\_\_ .

- (a) 2 Scenarios
- (b) 3 Scenarios
- (c) 4 Scenarios
- (d) 6 Scenarios

- 2.** Phishing is an attempt to acquire sensitive information from an individual through \_\_\_\_\_ .
- (a) Email
  - (b) Chat
  - (c) Malicious website
  - (d) Social networking site
  - (e) All of the above
- 3.** What is the default port number for Apache and most web servers ?
- (a) 20
  - (b) 27
  - (c) 80
  - (d) 87
- 4.** What is the maximum characters Linux supports in its filenames ?
- (a) 8
  - (b) 128
  - (c) 256
  - (d) Unlimited
- 5.** Which phase of hacking performs actual attack on a network or system ?
- (a) Reconnaissance
  - (b) Maintaining Access
  - (c) Scanning
  - (d) Gaining Access

6. Which of the following is a class of computer threat ?
- (a) Phishing
  - (b) Soliciting
  - (c) DoS attacks
  - (d) Stalking
7. In the right setting a thief will steal your information by simply watching what you type. This is called
- (a) Snagging
  - (b) Spying
  - (c) Social engineering
  - (d) Shoulder surfing
8. Why would a ping sweep be used ?
- (a) To identify live systems
  - (b) To locate live systems
  - (c) To identify open ports
  - (d) To locate firewalls
9. URL stands for
- (a) Universal Remote Locator
  - (b) Universal Resource Language
  - (c) Uniform Resource Locator
  - (d) None of the above
10. Which of the following are forms of malicious attack ?
- (a) Theft of information
  - (b) Modification of data
  - (c) Wiping of information
  - (d) All of the above

## SECTION B

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

- 11.** What are the three classes of intruders ?
- 12.** What do you mean by virus ?
- 13.** What are the functions of Window Manager ?
- 14.** How does SSL work ?
- 15.** Do WiFi Certificates replace wireless security protocols like WPA2 ?

## SECTION C

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

*2×5=10*

- 16.** What is Security Testing ?
- 17.** What is WEP ? How secure is WEP ?
- 18.** What are the most important steps you would recommend for securing a new web server ?

## SECTION D

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

19. What is an SSID ? How do you secure a wireless network ?
  
  20. What is the difference between a vulnerability and an exploit ? On a Windows network, why is it easier to break into a local account than an AD account ?
  
  21. What is email spoofing ? What is spamming ? Explain in detail.
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