OSEI-042

01172

ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

Term-End Examination

December, 2018

OSEI-042 : SECURING INTERNET ACCESS

Time : 2 hours   *Maximum Marks : 50*

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

        Section - B :   *Answer all 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

(Attempt **all** the questions)

1. Bookmarks are also called _____ in internet explorer.   1

2. WPA2 is used for security in :   1
   (a) ethernet
   (b) bluetooth
   (c) wi-fi
   (d) none of the mentioned

3. An attempt to make a computer resource   1
    unavailable to its intended users is called :
    (a)   denial-of-service attack
    (b)   virus attack
    (c)   worms attack
    (d)   botnet process

4. The formula for calculating single loss expectancy   1
    or SLE is :
    SLE = _____

5. _____ is a main concern for any   1
    organization.

6. TKIP stands for _____.   1

7. A hacker contacts you on phone or e-mail and   1
    attempts to acquire your password is called
    _____.
    (a)   spoofing   (b)   phishing
    (c)   spamming   (d)   bugging

8. A _____ is anything that can cause harm.   1
    (a)   vulnerability   (b)   phish
    (c)   threat   (d)   spoof

9. The phrase _____ describes viruses, worms,   1
    trojan horse attack applets, and attack scripts.
    (a)   malware   (b)   spam
    (c)   phish   (d)   virus

10. Hackers often gain entry to a network be   1
    pretending to be at a legitimate computer.
    (a)   Spoofing   (b)   forging
    (c)   IP spoofing   (d)   ID theft

SECTION - B

(Attempt all the very short answer type questions)

11. Discuss the advantages of cookies with respect to the speed of the internet.   2

12. Write a short note on overcoming security challenges.   2

13. Define term digital incident response.   2

14. Discuss identity theft.   2

15. Discuss e-mail jamming.   2

SECTION - C

(Attempt 2 out of 3 short answer type questions)

16. What is a counterfeit credit card ?   5

17. Discuss the methods that any company uses to collect personal information online.   5

18. Provide the key security issues for SOAP web services.   5

SECTION - D

(Attempt 2 out of 3 long answer type questions)

19. Describe the term skimming. How can one protect him/her self against identity theft ?   10

20. Write a detailed note on cyber forensics.   10

21. Explain the security design considerations in web services.   10