ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

Term-End Examination

December, 2015

OSEI-042 : SECURING INTERNET ACCESS

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 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.   A _____ is anything that can cause harm.   1

(a)   Vulnerability   (b)   Phishing

(c)   Threat   (d)   Spoof

2.   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

3. What is the name for the router that your PC uses   1
    to connect to your internet service provider ?

    (a) Loopback address

    (b) Backbone

    (c) IP address

    (d) Default Gateway

4. A virtual private network creates a _____   1
    through the internet.

    (a) Tunnel   (b) BRI

    (c) Connection   (d) SSH session

5. To check to see if the web server you are trying to   1
    reach is available or it is down, which command
    line utility should be used ?

    (a) PING   (b) ICS

    (c) Telnet   (d) NNTP

6. A protocol used to control the secure sending of   1
    data on the internet is :

    (a) SMTP   (b) HTTPS

    (c) TCP/IP   (d) HTTP

7. Which organization defines the Web standards ?   1

    (a) Apple Inc.

    (b) World Wide Web Consortium (W3C).

    (c) Microsoft corporation.

    (d) IBM corporation.

8. The bluetooth supports : 1
   (a) Point - to - point connections.
   (b) Point - to - multipoint connections.
   (c) Both (a) and (b).
   (d) None of the above.

9. What is WPA ? 1
   (a) Wi-fi Protected Access.
   (b) Wired Protected Access.
   (c) Wired Process Access.
   (d) Wi-fi Process Access.

10. What is Wired Equivalent Privacy (WEP) ? 1
    (a) Security algorithm for ethernet.
    (b) Security algorithm for wireless networks.
    (c) Security algorithm for USB communication.
    (d) None of the above.

SECTION - B

(Attempt all the very short answer type questions)

11. What is a computer security incident ? 2

12. What is bluetooth technology ? Explain. 2

13. What are the different mediums of doing the internet transactions ? 2

14. Write about the functions of firewall. 2

15. What are the disadvantages of log files ? 2

SECTION - C

(Attempt 2 out of 3 short answer type questions)

16. What is cyber forensics ? How digital evidence   5
    does play a key role in the investigation of the
    cyber crime ?

17. Explain Digital Incident Response.   5

18. How does Credit Card fraud occur ?   5

SECTION - D

(Attempt 2 out of 3 long answer type questions)

19. What are the security issues in the social   10
    networking sites ?

20. What is cyber crime ? Explain the classification of   10
    cyber crime.

21. What do you understand by the term phishing ?   10
    How can one recognize phishing and fake
    websites ? Discuss in brief the safety measures
    against phishing.

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