00642

ADVANCED CERTIFICATE IN INFORMATION SECURITY (ACISE)

Term-End Examination

December, 2018

OSEI-044 : SERVER SECURITY

Time : 2 hours   *Maximum Marks : 50*

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

     (ii)   **Section-B** *: Answer all the very short answer type questions.*

     (iii)   **Section-C** *: Answer any 2 out of 3 **short** answer type questions.*

     (iv)   **Section-D** *: Answer any 2 out of 3 **long** questions.*

SECTION – A
(Attempt all the questions)   1x10=10

1. Which of the following passwords meets VCSC's Password requirements ?
   (a) @ # $) * & ^ %
   (b) aKHGKsmLN
   (c) UcSc4Evr!
   (d) Password

2. The first computer virus is _____.
   (a) I Love you
   (b) Blaster
   (c) Sasser
   (d) Creeper

3. The _____ translates Internet domain and host names to IP address.
   (a) Domain name system
   (b) Routing information protocol
   (c) Network time protocol
   (d) Internet relay chat

4. Which one of the following allows a user at one site to establish a connection to another site and then pass key strokes from local host to remote host ?
   (a) HTTP   (b) FTP
   (c) Telnet   (d) None

5. In wireless ad hoc network :
   (a) access point is not required
   (b) access point is must
   (c) nodes are not required
   (d) none

6. What is WPA ?
   (a) Wi-Fi Protected access
   (b) Wired Protected access
   (c) Wired Process access
   (d) Wi-Fi Process access

7. The attackers a network of compromised devices known as :
   (a) Internet   (b) Botnet
   (c) Telnet   (d) D-net

8. Which of the following is a form of DOS attack ?
   (a) Vulnerability attack
   (b) Bandwidth flooding
   (c) Connection flooding
   (d) All

9. Which of the following is/are threats for electronic payment systems ?
   (a) Computer Worms
   (b) Computer Virus
   (c) Trojan Horse
   (d) All

10. _____ Software are programs that are installed onto your computer and can scan and remove known viruses which you may have contracted.
    (a) Firmware   (b) Adware
    (c) Keylogger   (d) Antivirus

SECTION - B
(Attempt **all five** very short answer type questions).   **5x2=10**

11. What is virus ?

12. What do you mean by BOTNET ?

13. How to stop E-mail Spamming ?

14. What do you mean by cookies ?

15. Define Phishing attack.

SECTION - C
(Attempt **any 2** out of **3** short answer type questions).   **2x5=10**

16. Describe XSS and SQL infection attacks with examples.

17. How hackers penetrate a website ?

18. What are main E-mail servers and which are their ports ?

SECTION - D

(Attempt **any 2** out of **3** long questions).   **2x10=20**

19. How to implement wireless security measures ?

20. Explain what is application layer firewall ? How to enable firewall in windows 7 ?

21. Explain SSL and Kerberos with example.

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