ADVANCED CERTIFICATE IN INFORMATION SECURITY(ACISE)

Term-End Examination,

December 2019

OSEI-041 : INFORMATION 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 two questions out of three short answer type questions.*

(iv) *Section-'D' - Answer any two questions out of three long answer type questions.*

Section -A
(Objective type questions)

Attempt **all** the questions. $10 \times 1 = 10$

1.   IPS stands for _____.

2.   SSL stands for _____ .

3.   White box testing is also called as glass box testing :
     (a)   True
     (b)   False

4. RAT stands for _____ .

5. What floods a web-site with so many requests for service that it slows down or crashes the site?
   (a) Denial of service attack
   (b) Spoofing
   (c) Sniffer
   (d) None of the above

6. A hacker contacts you by phone or e-mail and attempts to acquire your password. This is termed as :-
   (a) Phishing
   (b) Spoofing
   (c) Spamming
   (d) Bugging

7. The phrase describes viruses, worms, Trojan horse, attack applets and attack scripts.
   (a) Malware
   (b) Spam
   (c) Phish
   (d) Virus

8. Data encryption are done on _____ of OSI model.

9. Peer to Peer and client server are two type of _____ .

10. Packet filtering done in _____ layer of OSI model.

Section -B
(Very short answer type questions)

11. Write short notes on the following :　　　　5×2=10
    a) POP
    b) Virtualization
    c) Traffic monitoring
    d) Data encryption
    e) Botnets

Section -C
(Short answer type questions)

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

$$2×5=10$$

12. Discuss the role of computer auditor and scope of computer audits.　　　　5

13. What are the advantages of using information security to provide web security?　　　　5

14. Explain Malware counter measures and defragmentation.

　　　　5

Section - D
(Long answer type questions)

Attempt **any two** out of **three** long type questions.

$$2×10=20$$

15. What is Snapshot utility? What is defragmentation and why we need it? What are the functions of the firewalls? Explain the concept of algorithms.　　　　10

16. E-mails are great sources of virus do you agree? Explain in detail.   10

17. Is Linux better than windows? Why and explain them?   10

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