

**ADVANCED CERTIFICATE IN INFORMATION
SECURITY (ACISE)****Term-End Examination****June, 2018****OSEI-041 : INFORMATION SECURITY***Time : 2 hours**Maximum Marks : 50*

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- 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.*
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SECTION - A

(Objective type questions)

1x10=10

(Attempt all the questions)

1. IPS stands for _____. 1
2. SSL stands for _____. 1
3. White Box testing is also called as Glass-Box testing. 1
(a) true (b) false
4. RAT stands for _____. 1

5. What floods a web-site with so many requests for service that it slows down or crashes the site ? 1
- (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. 1
- 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. 1
- (a) Malware
 - (b) Spam
 - (c) Phishing
 - (d) Virus
8. Data Encryption are done on _____ Layer of OSI Model. 1
9. Peer to Peer and Client Server are two type of _____. 1
10. Packet Filtering is done in _____ layer of OSI Model. 1

SECTION - B

(Very short answer type questions) **5x2=10**

11. Write short notes on the following :
- (a) POP
 - (b) Virtualization
 - (c) Traffic Monitoring
 - (d) Data Encryption
 - (e) Botnets

SECTION - C

(Short answer type questions) **2x5=10**

(Attempt any 2 out of 3 short type questions)

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) **2x10=20**

(Attempt 2 out of 3 long type questions)

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**