

**ADVANCED CERTIFICATE IN INFORMATION
SECURITY (ACISE)**

Term-End Examination,

December 2019

OSEI-042 : SECURING INTERNET ACCESS

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 two out of three short answer type questions.
(iv) Section-D : Answer two out of three long answer type questions.*
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Section - A

(Attempt all the questions)

1. _____ is the network of networks spread across the globe. 1
2. A file that lists the actions that have occurred is called _____ file. 1
3. A hacker contacts you on phone or e-mail and attempts to acquire your password is called _____. 1
 - a) Bugging
 - b) Spamming
 - c) Phishing
 - d) Spoofing

(2)

4. The bluetooth supports : - 1
- a) Point - to - multipoint connection
 - b) Point - to - point connections
 - c) Both (a) and (b)
 - d) None of the above
5. _____ protocol is used for remote terminal connection service. 1
6. Which organization defines the web standards? 1
- a) World Wide Web Consortium (W3C).
 - b) Microsoft corporation
 - c) IBM corporation
 - d) Apple Inc.
7. s Stands for in HTTPs is _____. 1
8. What is WPA? 1
- a) Wi-Fi Process Access
 - b) Wired Process Access
 - c) Wired Protected Access
 - d) Wi-Fi Protected Access
9. Message _____ means that the sender and the receiver expect privacy. 1
- a) Authentication
 - b) Integrity
 - c) Confidentiality
 - d) None of the above

(3)

10. A virtual private network creates a ____ through the internet 1
- a) SSH session
 - b) Connection
 - c) BRI
 - d) Tunnel

Section - B

(Attempt all the questions)

11. What are third party cookies? 2
12. What are the disadvantages of log files? 2
13. Write a note on e-cards. 2
14. Discuss the advantages of cookies with respect to the speed of the Internet. 2
15. Explain DES. 2

Section - C

(Attempt any 2 out of 3 short answer type questions)

16. Discuss the terms cyber forensics and digital evidence. 5
17. What is a counterfeit credit card? 5
18. Write a note on identity theft assistance. 5

(4)

Section - D

(Attempt any 2 out of 3 long type questions)

19. Discuss the purpose and objectives of Computer Security Incident Response Team (CSIRT) 10
20. What do you understand by the term phishing? How can one recognize phishing and take websites? Discuss in brief the safety measures against phishing. 10
21. Explain web services security standards in detail. Also discuss the threats and attacks with respect to session management. 10

