

00112

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

Term-End Examination

June, 2016

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 two out of three short answer type questions.

Section - D : Answer two out of three long answer type questions.

SECTION - A

(Attempt all the questions.)

1. Message _____ means that the sender and the receiver expect privacy. 1
- (a) confidentiality
 - (b) integrity
 - (c) authentication
 - (d) none of the above

2. Digital signature cannot provide _____ for the message. **1**
(a) integrity
(b) confidentiality
(c) non repudiation
(d) authentication
3. Password based authentication can be divided into two broad categories : _____ and _____. **1**
(a) fixed; variable time
(b) stamped; fixed
(c) fixed; one-time
(d) none of the above
4. The secret key between members needs to be created as a _____ key when two members contact KDC. **1**
(a) public
(b) session
(c) complimentary
(d) none of the above
5. Risk assessment is the various techniques which minimise the risk to other people. **1**
(a) True
(b) False
6. _____ is the network of networks spread across the globe. **1**
7. _____ is the main concern for any organization. **1**

8. Data security threats include : 1
(a) Hardware failure
(b) Privacy invasion
(c) Fraudulent manipulation of data
(d) All of the above
9. A protocol used to control the secure sending of data on the internet is : 1
(a) SMTP
(b) HTTPS
(c) TCP/IP
(d) HTTP
10. The bluetooth supports : 1
(a) point-to-point connections
(b) point-to-multipoint connection
(c) both (a) and (b)
(d) none of the above

SECTION - B

(Attempt all the very short answer type questions.)

11. Do cyber crimes occur on social networking sites like facebook ? How ? 2
12. Write a note on recommendations for secure wireless networks. 2
13. How do I get infected with spyware ? 2
14. Discuss e-cards. 2
15. Write a short note on DES. 2

SECTION - C

(Attempt **two** out of **three** short answer type questions.)

16. How is a web service activated ? 5
17. What is a counterfeit credit card ? 5
18. Write the different methods used to detect and prevent the cyber-attack. 5

SECTION - D .

(Attempt **two** out of **three** long answer type questions.)

19. How to prevent and report credit card fraud or identify theft ? 10
20. What is Phishing ? How it works ? How a user can prevent him from being a victim of phishing attack ? 10
21. Write a descriptive note on web services security standards. Also, discuss the threats and attacks with respect to session management. 10
