

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

Term-End Examination

December, 2017

OSEI-042 : SECURING INTERNET ACCESS

Time : 2 hours

Maximum Marks : 50

Note : Section - A : Answer all questions.

Section - B : Answer all very short answer type questions.

Section - C : Answer 2 out of 3 short answer type questions.

Section - D : Answer 2 out of 3 long answer type questions.

SECTION - A

(Attempt all the questions)

10x1=10

1. The two types of cookies in java are permanent cookie and _____ cookie.
2. Software that allows user to view the webpage is called a _____.
3. In the web address <http://www.xyz.com>, the protocol used is _____.
4. Unauthorised access of information from a Bluetooth connection is called _____.

5. The field of computer _____ uses special software to scan hard drives of potential criminal suspects.
6. A program that performs a useful task while simultaneously allowing destructive acts is a :
 - (a) Worm
 - (b) Trojan horse
 - (c) Virus
 - (d) Macro
7. WEP Stands for _____.
8. Unsolicited e-mail advertising is known as :
 - (a) Newsgroup
 - (b) Junk ads
 - (c) Spam
 - (d) None of the above
9. _____ are most commonly used to identify return visitors to a website.
10. Digital certificates are issued by trusted third party known as _____ .

SECTION - B

(Attempt all the questions)

11. Write short notes on : 2x5=10
 - (a) Digital watermarking
 - (b) Identity Theft
 - (c) Bluetooth
 - (d) Plug-ins
 - (e) TLS protocol

SECTION - C

(Attempt 2 out of 3 short answer type questions)

12. Explain the steps for deleting cookies. 5
13. Provide the key security issues for SOAP web services. 5
14. Suggest some steps to safeguard users from email frauds. 5

SECTION - D

(Attempt 2 out of 3 long answer type questions)

15. To tackle cyber crime, the most effective way is to educate the users. Suggest some preventive measures where users must be made aware of, to tackle cyber crime menace. 10
 16. What is problem of identity theft in online world ? What measures should be taken up to prevent identity theft ? 10
 17. List at least five security testing you would like to perform to verify whether a website such as Flipkart is safe or not. 10
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