

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

Term-End Examination

00574

December, 2014

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 questions.*

SECTION A

*Attempt **all** the questions.*

10×1=10

1. _____ refers to the structure of a network including physical arrangements of devices. 1
2. Security incidents are usually handled by a team called _____. 1
3. TKIP stands for _____. 1
4. _____ was designed to transport and store data, with focus on what data is. 1

5. _____ is a trademarked device used to wireless over short distances using short wavelength radio transmission from 2400 – 2480 MHz from fixed and mobile devices. 1
6. JavaScript is a _____ language. 1
7. The act of breaking into computer security is termed as _____ . 1
8. A _____ occurs when an attacker continually attacks a targeted Access Point or Network with spurious requests, premature successful connection messages, failure messages and/or other commands. 1
9. A _____ is a concept for the most robust way to counteract wireless security risks. 1
10. _____ are one of the evil effects of proliferation of computers and Internet. 1

SECTION B

(Very short answer type questions)

11. Write short notes on the following : $5 \times 2 = 10$
- (a) Uniform Resource Identifier
 - (b) Plug ins
 - (c) WSDL
 - (d) Digital evidence
 - (e) Digital watermarking

SECTION C

Attempt any **two** out of three short answer type questions. 2×5=10

12. Provide the key security issues for SOAP web services. 5
13. Write the advantages and disadvantages of e-mail. 5
14. A scripting language allows control of one or more applications. Explain how. 5

SECTION D

Attempt any **two** out of three long answer type questions. 2×10=20

15. Optimizing Firewall security is an art unto itself. Do you agree ? Explain in detail. 10
 16. Cyber crime harms financially to both customers and businesses. Explain what measures you will take to protect customers and businesses from such cyber crime. 10
 17. Explain the different milestones in the development of the Internet and its significance for education. 10
-