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OSEI-042

**ADVANCED CERTIFICATE IN
INFORMATION SECURITY**

(A. C. I. S. E.)

Term-End Examination

December, 2020

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 2 out of 3 Short answer type questions.*

Section D : *Answer 2 out of 3 Long answer type questions.*

Section—A

Note : Attempt all the questions.

10×1=10

1. A hacker contacts you on phone or email and attempts to acquire your password is called
 - (a) Bugging
 - (b) Social Engineering
 - (c) Spoofing
 - (d) Phishing

2. The bluetooth supports :
 - (a) Point-to-point connections
 - (b) Point-to-multipoint connection
 - (c) Both (a) and (b)
 - (d) None of the above

3. A file that lists the actions that have occurred is called file.

4. protocol is used for remote terminal connection service.

5. On the internet, version of the internet protocol is the most widely used.

6. In HTTPS S stands for
7. The secret key between members needs to be created as a key when two members contact KDC.
 - (a) Session
 - (b) Complimentary
 - (c) Public
 - (d) None of the above
8. What is WPA ?
 - (a) Wired Process Access
 - (b) Wi-Fi Process Access
 - (c) Wired Protected Access
 - (d) Wi-Fi Protected Access
9. Which organization defines the web standards ?
 - (a) IBM Corporation
 - (b) Microsoft Corporation
 - (c) World Wide Web Consortium (W3C).
 - (d) Apple Inc.

10. Digital signature cannot provide for the message.
- (a) authentication
 - (b) non-repudiation
 - (c) confidentiality
 - (d) integrity

Section—B

Note : *Attempt all the very short answer type questions.*

11. Explain DES. 2
12. Explain functions of firewall. 2
13. What do you mean by identity theft ? 2
14. What are third party cookies ? 2
15. What are the advantages of log files ? 2

Section—C

Note : *Attempt 2 out of the 3 short answer type questions.*

16. A scripting language allows control of one or more applications. Explain. 5

17. Provide the key security issues for SOAP web services. 5
18. Explain digital incident response. 5

Section—D

Note : Attempt 2 out of 3 long answer type questions.

19. What is Phishing ? How does it work ? How a user can prevent him from being a victim of phishing attack ? 10
20. Explain in detail the security design considerations in web services. 10
21. What is Cyber Crime ? Explain the classification of cyber crime. 10