

(4)

- (b) What do you mean by E-Mail? What are the pros and cons of E-Mail? Discuss the E-Mail policy.
- (c) What is Network Security Model (NSM)? Explain different layers of this model.

Total No. of Questions : 4]

[Total No. of Printed Pages : 4

Course Code CSP - 14

Term End Examination – December, 2019

NETWORK CYBER SECURITY

Master of Science (Cyber Security) (MSCS)
Post Graduate Diploma in Cyber Security
(PGDCS)
Advance Diploma in Cyber Security (ADCS)

Time : 3 hours

Full Marks : 100

The figures in the right-hand margin indicate marks

Answer **all** Groups as directed

Group—A

1. Answer *all* questions, each in 1 word or 1 sentence : 1×10=10
- (a) What does WPA stand for?
- (b) What is VLAN?
- (c) What is the use of Software Layer?
- (d) What is Firewall?
- (e) What does PKI stand for?
- (f) Pretty Good Privacy is often used for _____.

(2)

- (g) ——— is an extension of RFC 822 framework.
- (h) Name any two Web Authentication Techniques.
- (i) What is the coverage of Wireless PAN?
- (j) What is IEEE 802.11 standard?

Group—B

- 2.** Answer *any four* questions each within 100 words : $5 \times 4 = 20$
- (a) Write a note on Service Set Identification (SSID).
 - (b) What is PGP? What is its use?
 - (c) How email is used for social engineering and spoofing attack? Explain.
 - (d) What do you mean by browser security?
 - (e) Write a note on E-Mail Spoofing.
 - (f) Write a note on Cross-Site Scripting.

(3)

Group—C

- 3.** Answer *any four* questions each within 200 words : $10 \times 4 = 40$
- (a) List the protocols involved in E-Mail and mention their uses in brief.
 - (b) Discuss Wireless Security Policy.
 - (c) What is SQL injection? Explain its working principles with example.
 - (d) Discuss the benefits and limitations of E-Commerce in the context of Cyber Security.
 - (e) What is Secure Electronic Transaction? How SET Works? Explain.
 - (f) What is Firewall? Differentiate between software-based and hardware-based Firewall.

Group—D

- 4.** Answer *any two* questions each within 300 words : $15 \times 2 = 30$
- (a) Explain the Mobile Device Security Strategy.