

( 4 )

- (b) What is programming bug? Explain the impact of a programming bug.
- (c) What is Digital Signature? Explain with example.

\*\*\*

Total No. of Questions : 4]

[Total No. of Printed Pages : 4

Course Code <b>CSP – 13</b>
--------------------------------

**Term End Examination – December, 2019**

APPLICATION 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 :

1×10=10

- (a) We can classify Rootkit into two groups. What are those?
- (b) Trojan horse can be of two types. What are those?
- (c) NTFS stands for ———.
- (d) Digital signature provides ———.
- (e) What does RAID Stands for?

( 2 )

- (f) ——— is a situation when a program misbehaves only when certain conditions met otherwise it works as a genuine program. It is harder to detect.
- (g) What does RTO stand for?
- (h) Digital Signature uses ——— encryption technique.
- (i) What does DSC Stand for?
- (j) In which attack every possible combination of characters is attempted until the correct one is uncovered?

Group—B

- 2.** Answer *any four* questions each within 100 words :  $5 \times 4 = 20$
- (a) Explain about COBITS.
- (b) What do you mean by System Threats?
- (c) Write the different types of Trojan horse.
- (d) Define Operating System Security.

( 3 )

- (e) Write a brief note on SQL injection.
- (f) Mention the desktop security policies.

Group—C

- 3.** Answer *any four* questions each within 200 words :  $10 \times 4 = 40$
- (a) What are the common criteria of Evaluation of IT Security?
- (b) What is Operating System Vulnerability?
- (c) What do you mean by database security?
- (d) What is the relationship between BCP and DRP?
- (e) Write a short note on benefits of computer forensics.
- (f) What is Program Threat? List and explain some well-known program threats.

Group—D

- 4.** Answer *any two* questions each within 300 words :  $15 \times 2 = 30$
- (a) Write a short note on how to make your personal computer secured.