

Term End Examination - June, 2019
Master of Science (Cyber Security)
Post Graduate Diploma in Cyber Security
Advance Diploma in Cyber Security

Course Code CSP-13

Application Cyber Security

Time - 3 Hours

Full Marks – 100

*(Answer **all** questions from Group - 'A', any **four** questions from Group - 'B', any **four** questions from Group - 'C' and any **two** question from Group- 'D')*

Group 'A'

Q. No. 1 Answer all the questions, each within one or two sentences

Marks: 1 × 10= 10

- a) Name any two different variant of Operating System.
- b) What is firewall?
- c) Define buggy or defective program.
- d) Different Types of Programming Bugs
- e) Define Operating System Security.
- f) What is Digital Signature?
- g) What is Computer Forensics?
- h) What is Penetration Testing?
- i) What is ISO 27001?
- j) Why Privacy is needed in Cyber Security?

Group 'B'

Q.No.2 Answer any four questions each within 100 words

Marks: 5 × 4= 20

- a) Describe the physical security to a Desktop.
- b) Discuss different types of system threats.
- c) What is disaster recovery plan?
- d) What do you mean by sensitive data?
- e) What are the advantages of Cyber Laws?
- f) Discuss different desktop security policies.

Group 'C'

Q.No.3. Answer any four questions each within 200 words

Marks: 10 × 4= 40

- a) What is a Digital Signature? Explain.
- b) What are the uses of Operating System security model?
- c) What is Information Security Management?
- d) How can you be a zero- bug programmer? Explain.
- e) What is the relationship between BCP and DRP?
- f) When does database security issues arise?

Group 'D'

Q.No.4 Answer any two questions each within 300 words

Marks: 15 × 2= 30

- a) What is an SQL injection? How does SQL injection affect an application's software?
- b) Discuss desktop security threats and threads.
- c) What is Trojan horse? Write the different types of Trojan horse.