

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

Course Code
CSP-12

Information Security

Time - 3 Hours

Full Marks - 100

*(Answer All the questions form Group-A , any **four** questions from Group - 'B', any **four** questions from Group - 'C' and any **two** questions from Group - 'D')*

Group 'A'

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

Marks: 1 × 10= 10

- a) What is Computer security?
- b) What are the three major goals of Information security?
- c) What are the different types of Cryptography?
- d) AES Stands for _____?
- e) What is Attack in Cyber Security?
- f) Risk= Threats × _____?
- g) What is Virus?
- h) What is IDS?
- i) What is Software Piracy?
- j) 'Hackers may be classified into three types'. What are they?

Group 'B'

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

Marks: 5 × 4= 20

- a) Write a note on Computer Vandalism.
- b) Write a note on Biometric Identification
- c) What is Cryptography? Explain.
- d) Write a note on Steganography.
- e) What is Information assurance?
- f) Write a note on Trojan horse.

Group 'C'

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

Marks: 10 × 4= 40

- a) What is Privacy and why is it important?
- b) Explain any five different kinds of Cyber Crime in detail.
- c) Explain different Challenges of Information Security.
- d) What is RSA Algorithm? Write the RSA Algorithm and explain with an example.
- e) What is Fabrication attacks? Write about any Ten web threats
- f) Write the steps to prevent Insider Attack.

Group 'D'

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

Marks: 15 × 2= 30

- a) What is Cyber Crime? Explain insider and External Attack in cyber-crime.
- b) Explain three major goals of Information security.
- c) What is Malware? Explain different types of Malware.