[6441] - 701
B.B.A. (C.A.)/B.C.A.
CA-501: Cyber Security
(2019 Pattern) (Semester - V)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

1) *All questions are compulsory.*

2) *Neat diagrams must be drawn wherever necessary.*

3) *Figures to the right indicate full marks.*

Q1) Attempt any Eight of the following :

[8 × 2 = 16]

a) What is Copyright Law?

b) What is Mobile forensics?

c) State Social media marketing.

d) What is cyber security?

e) Differentiate between vulnerabilities and threats.

f) Define Foot printing.

g) What is cyber stalking?

h) What is Virus?

i) State Software privacy.

j) What is Intellectual Property?

Q2) Attempt any Four of the following :   [4 × 4 = 16]

   a) Discuss various password cracking techniques.

   b) Explain in detail classification of phishing scams.

   c) Explain CIA triad.

   d) Explain Indian IT Act.

   e) Explain various types of cyber forensics.

Q3) Attempt any FOUR of the following :   [4 × 4 = 16]

   a) Differentiate between Active attack and Passive attack.

   b) Explain different types of credit card frauds.

   c) What are the challenges of Indian Cybersecurity Law?

   d) Discuss how emails are used in forensics analysis.

   e) Prepare a case study with its implication on "Company Website Hacked".

Q4) Attempt any FOUR of the following :   [4 × 4 = 16]

   a) Explain organizational guidelines for Internet usage.

   b) Is COVID-19 Changing the Cybercrime Landscape?

   c) Explain the Process of Cyber forensics in detail.

   d) Discuss IPR Issues.

   e) Why do we need Cyber laws: The Indian Context?

Q5) Write a short note on Any TWO of the following :   [2 × 3 = 6]

   a) Botnet

   b) SQL Injection

   c) Data Diddling

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