

Total No. of Questions : 5]

SEAT No. :

PC1166

[6317]-301

[Total No. of Pages :2

T.Y.B.B.A. (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 (Out of Ten).

[8×2=16]

- a) What is Cyber defamation?
- b) Define term Cyber Security.
- c) What is Cyberstalking?
- d) What is Steganography?
- e) What is Spam Laws?
- f) What is Cyber Forensic?
- g) What do you understand by term 'Trademarks'?
- h) Define attack vector.
- i) Define Spyware.
- j) What is Reconnaissance?

Q2) Attempt any FOUR of the following (Out of Five).

[4×4=16]

- a) Why do we need cyber laws in India?
- b) What is Computer forensics? Explain in details.
- c) What is proxy server? Also write the purpose of it.
- d) Explain different types of credit card frauds.
- e) Discuss various password cracking techniques.

P.T.O.

Q3) Attempt any FOUR of the following (Out of six). [4×4=16]

- a) Explain the different real life example of Cyber Crime.
- b) What is Domain Name? Explain with example.
- c) Explain how botnets can be used as a fuel to Cybercrime.
- d) Describe active and passive attacks in details.
- e) What is SQL injection? Explain different methods to prevent SQL injection attack.
- f) What is difference between Virus and Worms?

Q4) Attempt any FOUR of the following (Out of Five). [4×4=16]

- a) What is CIA? Discuss three concepts of CIA model.
- b) Discuss DoS attack in detail.
- c) Explain in brief the changes made to the Indian IT Act.
- d) Explain different type of Intellectual property in details.
- e) Explain organizational guidelines for internet usage.

Q5) Write a short note on Any TWO of the following (Out of Three). [2×3=6]

- a) Phishing
- b) Social Media Marketing.
- c) Data Diddling.

