

Total No. of Questions : 5]

SEAT No. :

P-1917

[Total No. of Pages : 2

[6034]-501

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 diagram 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 cyber security?
- b) What is Virus?
- c) What is attack vector?
- d) State Social media marketing.
- e) What is Steganography?
- f) Differentiate between virus and Worm.
- g) Define Foot printing.
- h) What is cyber stalking?
- i) What is Phishing?
- j) Define term Cyber Security.
- k) What is Intellectual Property?

Q2) Attempt any FOUR of the following :

[4 × 4 = 16]

- a) Differentiate between Active attack and Passive attack.
- b) Explain the cyber security real life incident example.
- c) Discuss IPR Issues.

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- d) What is SQL injection and what are the different countermeasures to prevent the attack?
- e) Why do we need Cyber laws: The Indian Context?

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

- a) Discuss how emails are used in forensics analysis.
- b) Explain different types of credit card frauds.
- c) Explain the rules of Digital Evidence.
- d) What is Domain Name? Explain with example.
- 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) What are the challenges to Indian Law and cybercrime scenario in India?
- c) Discuss various password cracking techniques.
- d) Explain CIA triad.
- e) Explain various types of cyber forensics.

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

- a) The Indian IT Act.
- b) Need of Cyber Laws.
- c) Social Media Marketing.

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