

Total No. of Questions : 5]

SEAT No. :

P6015

[Total No. of Pages : 2

[6144]-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 indicates full marks.

Q1) Attempt any EIGHT of the following. (Out of TEN). [8×2=16]

- a) What is Phishing?
- b) Define Cyber Terrorism?
- c) Define term Cyber Security.
- d) What is Public-key Certification in Digital Signature?
- e) Define term Cybercrime.
- f) What is reconnaissance?
- g) Define denial-of-service (DoS) attack.
- h) Define attack vector?
- i) What is Steganography?
- j) What is online fraud?

Q2) Attempt any FOUR of the following. (Out of FIVE). [4×4=16]

- a) Why there is need of Computer Forensic?
- b) Discuss various password cracking techniques.
- c) Discuss different types of active attack and passive attack?
- d) Explain how botnets can be used as a fuel to cybercrime.
- e) What is SQL injection and what are the different counter measures to prevent the attack?

P.T.O.

Q3) Attempt any FOUR of the following. (Out of FIVE).

[4×4=16]

- a) What are the consequences of cybercrime and their associated cost?
- b) Explain in brief each type of Intellectual Property.
- c) What are the challenges to Indian Law and cybercrime scenario in India?
- d) Explain the cyber security real life incident example.
- e) What is cyber forensics explain in details?

Q4) Attempt any FOUR of the following. (Out of FIVE).

[4×4=16]

- a) Define virus. Discuss the types of viruses.
- b) What is Domain Name? Explain with example.
- c) What is CIA? Discuss three concept of CIA model.
- d) Explain different types of credit card frauds.
- e) Explain the rules of Digital Evidence.

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

- a) Copyrights.
- b) The ITA 2000 sections.
- c) Online Scams.