



B.Tech IV Year II Semester (R15) Advanced Supplementary Examinations July 2019

**CYBER SECURITY**

(Common to CSE & IT)

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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1 Answer the following: (10 X 02 = 20 Marks)

- (a) List various mobility types.
- (b) What is a carputer?
- (c) What is a boot sector virus?
- (d) What is a key stroke logger?
- (e) What is a chain of custody?
- (f) Define network forensics.
- (g) What is TDMA?
- (h) Differentiate between physical and logical acquisition of data from a device.
- (i) List the costs associated with cyber security incidents.
- (j) List any four social media platforms used by organizations.

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

2 Describe various credit card frauds in mobile devices.

**OR**

3 Describe organizational policies and measures in mobile computing era.

**UNIT – II**

4 Explain SQL injection attacks and its implications.

**OR**

5 Describe buffer overflow attacks in wireless networks.

**UNIT – III**

6 Explain legal perspectives in computer forensics.

**OR**

7 Explain about forensic analysis of E-mails.

**UNIT – IV**

8 Explain iPod forensic techniques.

**OR**

9 Describe techno legal challenges with evidence from hand held devices.

**UNIT – V**

10 Explain the security risks in social media marketing.

**OR**

11 Explain the importance of privacy of users in the organizations.

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