



B.Tech IV Year II Semester (R15) Regular Examinations April 2019

CYBER SECURITY

(Common to CSE & IT)

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) What is an IMEI number? What is its significance?
 - (b) Write short notes on SMS blocker.
 - (c) List various kinds of DOS attacks.
 - (d) What is steganalysis?
 - (e) What are the types of computer crimes? Explain.
 - (f) Define computer forensics.
 - (g) Briefly explain CDMA features.
 - (h) Define mobile phone forensics.
 - (i) What is a security breach?
 - (j) What is cookie? How does it compromise privacy of a user?

PART – B

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

UNIT – I

- 2 Describe various kinds of attacks on mobile/cell phones.
- OR**
- 3 Elaborate on various authentication services in mobile devices.

UNIT – II

- 4 Describe various password cracking methods.
- OR**
- 5 Write short notes on the following:
- (a) Buffer overflow attacks.
 - (b) Trojan Horse.

UNIT – III

- 6 Explain the digital forensic life cycle.
- OR**
- 7 Describe how OSI layer 7 is relevant in computer forensics.

UNIT – IV

- 8 Compare the hardware characteristics of hand held devices in basic, advanced and smart variants.
- OR**
- 9 Describe toolkits available for hand held device forensics.

UNIT – V

- 10 Describe the risks of social media marketing.
- OR**
- 11 Elaborate on the forensic best practices for organizations.

