Code No: 136EU **R16**

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, November/December - 2020
CYBER SECURITY
(Common to CE, EEE, ME, ECE, ETM)

Time: 2 hours **Max. Marks: 75**

Answer any five questions
All questions carry equal marks
- - -

1.a) What are the main objectives and scope of Indian IT Act 2000? Discuss.
b) List and classify different cyber crimes. [8+7]

2.a) Write a detailed note on cloud computing.
b) Discuss the importance of social engineering. [8+7]

3.a) What is the use of registry settings in mobile devices? Discuss.
b) Explain about different types of credit card frauds. [7+8]

4. Explain the following in detail:
a) Key loggers and Spywares
b) SQL Injection and Buffer Overflow. [7+8]

5. What are the web threats for organizations in implementing cyber security? Discuss the security and privacy implications in that aspect. [15]

6.a) What is information security? Explain cyber crime in this context.
b) Explain the Indian perspective on cyber crimes. [8+7]

7. What is cyber offense? How criminals plan them? Discuss. [15]

8. What are the organizational security policies and measures taken for mobile computing? Discuss. [15]

---ooOoo---

JNTUH USED PAPERS NOV 20