

**R13**

**Code No: 116FB**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B.Tech III Year II Semester Examinations, May - 2016**

**INFORMATION SECURITY MANAGEMENT**

**(Common to CSE, IT)**

**Time: 3 hours**

**Max. Marks: 75**

**Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

**PART - A**

**(25 Marks)**

- 1.a) Define information security. [2]
- b) What is an attack? Write its types. [3]
- c) What are the key elements of networks? [2]
- d) What is information state? [3]
- e) What is KPI? [2]
- f) How data loss occurs? [3]
- g) What is security frame work? [2]
- h) Describe the configuration of information security policy. [3]
- i) What are risk control strategies? [2]
- j) Give an overview of risk management. [3]

**PART - B**

**(50 Marks)**

2. Explain in detail about to manage the work to meet requirements. [10]  
**OR**
3. Discuss in detail about common vulnerabilities and exposures. [10]
4. How to work effectively with colleagues? Explain. [10]  
**OR**
5. What are critical information characteristics? Explain. [10]
6. What are data leakage threats? Explain. [10]  
**OR**
7. Explain in detail about database security. [10]
8. Discuss about security standards in detail. [10]  
**OR**
9. Explain about characteristics of information security policies. [10]
10. Discuss about security roles and responsibilities. [10]  
**OR**
11. Explain about risk analysis process. [10]