

**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**

(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)

Gundlapochampally (H), Maisammaguda (V), Medchal (M), Medchal-Malkajgiri (Dist), Hyderabad

**IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, NOVEMBER-2018**

Branch: CSE

Subject: DATA BASE SECURITY**Time: 3 hours****Max. Marks: 75**Answer any **FIVE** Questions of the following**5x15M=75M**

1. a) Explain the transaction security. [7+8]  
b) Explain the monitor for attacks
2. a) What are the different elements of security model? Explain with a neat diagram. [8]  
b) Discuss briefly about Acten model.
3. a) Briefly explain a bout Lattice-Based Access Control (LBAC) Model for flow control conclusion.  
b) Write short notes on View Formal Security Policy Model? [8+7]
4. What is security mechanism? Briefly explain about memory protection. [15]
5. a) Explain the methodological approach to security software. [7+8]  
b) Discuss about security package data base.
6. a) Explain the statistical data base protection. [7+8]  
b) Discuss about intrusion Detection system.
7. a) What are the various types of classification constraints? [8]  
b) Discuss briefly about frame based systems. [7]
8. a) What is an active database? Explain the model for the protection of active databases? [8]  
b) Explain in detail about the strong and weak authorization base in protection. [7]