

Advanced Database Management System

Assignment 1

Question 1: Describe the Transaction, Transaction control Language and command COMMIT. (CO1) 5 marks

Question 2: Why do we use ROLLBACK and SAVEPOINT in transaction Explain with Example? (CO1) 5 marks

Question 3: How can we give SELECT privilege to a user? Write a SQL code for it. Explain with example. (CO1) 5 marks

Question 4: Explain Data control language with example. Write SQL code to remove DELETE privilege from the user. (CO1) 5 marks

Question 5: What is Serializability? Explain Conflict Serializability. (CO2) 5 marks

Question 6: Why do we use Two Phase Locking protocol? What are variations of 2PL? (CO2) 5 marks

Question 7: What is Granularity? Explain various types of locks. (CO2) 5 marks

Question 8: Why do we Use wait for graph? Explain with Example. (CO2) 5 marks

Question 9: How can we avoid deadlock in the database? Explain with Example. (CO2) 5 marks

Question 10: Discuss Row level locks and table level locks. Explain with Example. (CO2) 5 marks

Question 11: Create a Synonym using SQL code and explain. (CO2) 5 marks

Question 12: Why do we use index? Also discuss different type of indexes. (CO2) 5 marks

Question 13: Write SQL code to Create a View and modify view and explain it.. (CO2) 5 marks

Question 14: Discuss Sequences and its syntax and demonstrate various attributes. (CO2) 5 marks

Question 15: Write SQL code to create Sequence and explain it. (CO2) 5 marks