



PES UNIVERSITY

(Established under Karnataka Act No. 16 of 2013)
100 Feet Ring Road, BSK III Stage, Bengaluru-560 085
Department of Computer Science and Engineering
Session : Aug – Dec, 2021

SEMESTER – 5

Assignment – 3 (20 marks) (With Demonstration and Viva)

(Submission Timeline: 21/10/2021 to 28/10/2021, Actual schedule will be confirmed by respective class teachers.)

S. No.	Task	Task Detail	Deliverable	Marks
1	Complete Working model of the Database application		Demonstrate <ul style="list-style-type: none">● simple queries - 5● complex queries - 5● Nested queries and performance analysis must be done with query execution plans.	10
2			<ul style="list-style-type: none">● Multiple users with different access privilege levels for different parts of the database should be created.● Initiate concurrent Transactions and demonstrate the concurrency control for the conflicting actions.	10
Note: Ensure appropriate number and variety of records are stored into the database. These could be used in the query process.				
Final document submission:				
5	Report/Writeup		<ul style="list-style-type: none">● List of Query statements and corresponding answers as the screenshots with output.● Screenshots for the statements executed for<ul style="list-style-type: none">○ Multiple users with different access privilege levels for different parts of the database should be created.○ Initiate concurrent Transactions and demonstrate the concurrency control for the conflicting actions.● Indicate contribution of each member clearly and approximate time spent in hours for the respective activity.	