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 ● simple queries - 5 ● complex queries - 5 ● Nested queries and performance analysis must be done with query execution plans.	**10**
2			● 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 sould be used in the query process.				
Final document submission:				

5	Report/Writeup		● List of Query statements and corresponding answers as the screenshots with output.
			 ● Screenshots for the statements executed for
			    o Multiple users with different access privilege levels for different parts of the database should be created.
			    o 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.**	