PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2025
(Fourth Semester)

Branch – INFORMATION TECHNOLOGY

RDBMS USING ORACLE

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	The _____ is responsible for defining procedures to recover the database from failure. a) DBA. b) system engineer. c) application programmer. d) software engineer.	K1	CO1
	2	The _____ is responsible for interfacing with the file system. a) disk manager. b) data manager. c) query processor. d) file manager.	K2	CO1
2	3	Each column in a database table is required to have _____ a) data type b) variable c) name d) name & data type	K1	CO2
	4	There are _____ ways to insert data into table. a) 1 b) 2 c) 3 d) 4	K2	CO2
3	5	What are the components of an E-R model? a) Entities b) attributes c) relationships d) all the above	K1	CO3
	6	_____ means multiple copies of the same data items. a) Data reduction b) Data integrity c) Data consistency d) Data redundancy	K2	CO3
4	7	The _____ knows the details of the data storage. a) decision support system analyst. b) database administrator c) database manger d) transaction manger	K1	CO4
	8	The file in DBMS is called as _____ in RDBMS. a) console b) schema. c) table. d) objects	K2	CO4
5	9	A _____ in a RDBMS is called as tuple. a) column b) row c) table d) user	K1	CO5
	10	The number of rows in a table is called as its _____ a) uniqueness b) dimension c) degree d) cardinality	K2	CO5

SECTION - B (35 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Analyze the main purpose of database systems.	K4	CO1
		(OR)		
	11.b.	Classify the Datamining? Determine the structure of relational database.		
2	12.a.	Elucidate the relational operations with example.	K5	CO2
		(OR)		
	12.b.	Illustrate the importance of Entity-Relationship model.		
3	13.a.	Summarize the procedure for modifying the structure of the table.	K6	CO3
		(OR)		
	13.b.	Evaluate the different types of data types in Oracle with example.		
4	14.a.	Discuss the two types of cursors in PL/SQL.	K5	CO4
		(OR)		
	14.b.	Assume the revoking the permission given in SQL.		
5	15.a.	Conclude the steps to creating a stored function with example.	K6	CO5
		(OR)		
	15.b.	Estimate the method of deleting triggers.		

SECTION -C (30 Marks)
Answer ANY THREE questions
ALL questions carry EQUAL Marks   (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Evaluate the Database architecture with neat diagram?	K6	CO1
2	17	Enumerate the decomposition using functional dependencies.	K6	CO2
3	18	Conclude the computations in expression lists used to select data with example.	K5	CO3
4	19	Discover the procedure for creation of reports in SQL* plus.	K4	CO4
5	20	Elaborate the steps to deleting a stored function database.	K6	CO5

Z-Z-Z   END