

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 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	A _____ acts as the interface between data stored on the disk and its users. a) relational data b) database c) database management systems d) transaction	K1	CO1
	2	Relational databases relate data items purely based on their _____. a) key b) values c) constraints d) concurrency	K2	CO1
2	3	_____ keyword used in update query. a) into b) set c) alter d) from	K1	CO2
	4	_____ function is used to add 2 values. a) add b) addition c) total d) sum	K2	CO2
3	5	The main drawback of the hierarchical model is _____. a) lack of standardization b) poor performance c) high cost d) none of the above	K1	CO3
	6	E-R model was developed by _____. a) Codd b) Dave c) Chen d) Bachman	K2	CO3
4	7	A field that can identify a record uniquely is called as _____. a) foreign key b) super key c) primary key d) candidate key	K1	CO4
	8	_____ command can be used to modify a column in a table. a) alter b) update c) set d) create	K2	CO4
5	9	A table in RDBMS is also called as _____. a) tuple b) domain c) relation d) projection	K1	CO5
	10	The number of columns in a table is its _____. a) degree b) cardinality c) relation d) tuple	K2	CO5

Cont...

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.	Elucidate the basic concept of database language.	K4	CO1
	(OR)			
	11.b.	Highlight the role of database users and administrators.		
2	12.a.	Explain the different types of keys in relational databases.	K5	CO2
	(OR)			
	12.b.	Illustrate the structure of relational databases.		
3	13.a.	Show the procedure to updating the contents of a database table.	K6	CO3
	(OR)			
	13.b.	Evaluate the logical operations of SQL with example.		
4	14.a.	Discuss the deleting a stored procedure with example.	K5	CO4
	(OR)			
	14.b.	Assume the steps to creation of reports in SQL* plus.		
5	15.a.	State the advantages of functions in PL/SQL.	K6	CO5
	(OR)			
	15.b.	Organize the deleting a stored function database.		

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	Discover the need of data mining and information retrieval.	K6	CO1
2	17	Elucidate the implementation of Entity-Relationship Model.	K6	CO2
3	18	Assess the grouping data from tables in SQL.	K5	CO3
4	19	Examine the procedure of create stored procedures.	K4	CO4
5	20	Demonstrate the different types of triggers.	K6	CO5

Z-Z-Z END