

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)

**BBA DEGREE EXAMINATION DECEMBER 2025**  
(Third Semester)

Branch – **BUSINESS ADMINISTRATION (INFORMATION SYSTEMS)**

**BUSINESS DATA MANAGEMENT**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** marks

(10 × 1 = 10)

Question No.	Question	K Level	CO
1	Which of the following datatype is not within the subcategory of Character datatypes? a) VARCHAR2      b) NCHAR c) NVARCHAR2      d) NCHAR2	K1	CO1
2	Which SQL*Plus function converts a string to uppercase? a) LOWER()      b) INITCAP() c) UPPER()      d) CONCAT()	K2	CO1
3	Which of the following is not an integrity constraint? a) Not null      b) Positive c) Unique      d) Check predicate	K1	CO2
4	Which of the following is not an integrity constraint? a) Schema      b) Primary Key c) Attribute      d) Domain	K2	CO2
5	How a condition is referred as? a) Join in SQL      b) Join condition c) Outer Join      d) Inner Join	K1	CO3
6	Which product is returned in a join query have no join condition? a) Equijoin      b) Cartesian c) Half outer join      d) Full outer join	K2	CO3
7	Which of the following is used to represent intersection operation? a) ∩      b) U c) -      d) *	K1	CO4
8	What is the full form of PL in PL/SQL? a) Programming Language b) Program logic c) Procedural Language d) Procedure logic	K2	CO4
9	In PL/SQL, a cursor is a pointer to which of the following area? a) Content area      b) Context area c) Contest area      d) Contact area	K1	CO5
10	Triggers are not supported for a) Delete      b) Update c) Insert      d) Views	K2	CO5

Cont...

**SECTION - B (35 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5 \times 7 = 35)$ 

Question No.	Question	K Level	CO
11.a.	List out the operators in SQL * Plus.	K2	CO1
	(OR)		
11.b.	Describe the SQL * Plus group functions.	K3	CO2
12.a.	Illustrate the domain integrity constraint.		
	(OR)	K3	CO3
12.b.	Explain about the entity constraints.		
13.a.	Summarize simple join in database objects.	K3	CO3
	(OR)		
13.b.	Discuss the outer join.	K2	CO4
14.a.	List out the control structure of PL/SQL.		
	(OR)	K3	CO5
14.b.	Explain the in-out parameter.		
15.a.	Summarize cursors in packages.	K3	CO5
	(OR)		
15.b.	Discuss the parts of a trigger.		

**SECTION -C (30 Marks)**

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$ 

Question No.	Question	K Level	CO
16	Explain about Oracle Data types.	K3	CO1
17	Enumerate the steps in implementation of constraints.	K4	CO2
18	Describe the intersect and minus operations.	K4	CO3
19	Explain the architecture of PL/SQL.	K3	CO4
20	Explain the types of triggers.	K4	CO5