

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Third Semester)

Branch – COMPUTER SCIENCE WITH DATA ANALYTICS

RELATIONAL DATABASE MANAGEMENT SYSTEMS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

1. What is the full form of DBMS?
(i) Data of Binary Management System (ii) Database Management System
(iii) Database Management Service (iv) Data Backup Management System
2. An _____ is a set of entities of the same type that share the same properties, or attributes.
(i) Entity set (ii) Attribute set (iii) Relation set (iv) Entity model
3. What is the full form of SQL?
(i) Structured Query List (ii) Structure Query Language
(iii) Sample Query Language (iv) Standard Query Language
4. A _____ is a query that retrieves rows from more than one table or view:
(i) Start (ii) End (iii) Join (iv) All of the mentioned
5. To produce a stored function, which statement is used?
(i) PRODUCE FUNCTION (ii) CREATE FUNCTION
(iii) PRODUCE PROCEDURE (iv) CREATE PROCEDURE

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

6. a) Explain in details about purpose of database system.
(or)
b) Describe data definition language with example.
7. a) Narrate entity-relationship model in detail.
(or)
b) Discuss about first normal form in detail.
8. a) Summarise modifying the structure of the table.
(or)
b) How do you remove the table? Explain.
9. a) Describe inner joins with example.
(or)
b) Classify PL/SQL syntax with suitable example.

Cont...

10. a) Develop an application using a stored procedure.

(or)

b) How triggers are works? Explain with example.

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

11. a) Discuss about the database design in detail.

(or)

b) Elucidate database architecture with example.

12. a) Examine entity-relationship diagram design issues.

(or)

b) Enumerate oracle data types with example.

13. a) Discuss about dropping table with example.

(or)

b) Discover data constraints with example.

14. a) Summarize views with example.

(or)

b) Enumerate creating reports in SQL * plus.

15. a) Point out the deleting a stored procedure.

(or)

b) Analyse creating triggers with example.

Z-Z-Z END