

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2019
(Fourth Semester)

Branch COMPUTER TECHNOLOGY

RELATIONAL DATABASE MANAGEMENT SYSTEM

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 2 = 20)

- 1 Write the four different types of database users.
- 2 Define the term Transaction management.
- 3 State the use of First Normal form.
- 4 What is database schema?
- 5 Define Pattern matching.
- 6 How to update the content table in ORACLE?
- 7 Differentiate Union and Intersect.
- 8 Write the syntax for modify a sequences.
- 9 How to create a stored function?
- 10 What is Trigger?

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Draw and explain the Database Architecture.
OR
b Write short notes on Data Abstraction.
- 12 a Explain the fundamental dependencies.
OR
b Discuss about the Mapping Constraints with diagram.
- 13 a Describe the oracle data types.
OR
b How can you modify the structure of the table?
- 14 a What are the procedures? How oracle create a stored procedures?
OR
b Explain about the cursors and their types in PL/SQL.
- 15 a Flow to create and delete trigger? Explain in detail.
OR
b Discuss the advantages of functions.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Explain about the Database Languages.
- 17 Draw and explain the Entity-Relationship diagram.
- 18 Explain in detail about the Joins.
- 19 (i) Write the syntax of PL/SQL.
(ii) Explain about the Views.
- 20 Disc uss the various types of triggers with an example.