

S.No. 8333

P 16 CA 23

(For candidates admitted from 2016–2021 Batch)

M.Com. DEGREE EXAMINATION, NOVEMBER 2023.

Computer Applications

ORACLE AND RDBMS

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Mention the names of various data models.
2. Why database requires normalization?
3. Write down the command that displays the structure of a table.
4. What do you mean by Integrity constraint?
5. Give an example for query using join operator.
6. What is called view?
7. Write about % row type attribute in PL/SQL.

8. Write down the syntax of nested if conditional statement in PL/SQL.
9. Differentiate between Error and Exception.
10. What is the use of cursors in PL/SQL?

PART B — ($5 \times 5 = 25$)

Answer ALL questions, Choosing either (a) or (b) in each .

11. (a) Write about theoretical relational languages.

Or

- (b) Explain E-R model with neat sketch.

12. (a) Explain about Transaction control statements.

Or

- (b) Explain the syntax of insert and update command.

13. (a) How will you use multiple tables in a query? Explain with syntax and example.

Or

- (b) Explain the steps to create a sequence and use it in a database table.

14. (a) Describe the structure of PL/SQL block.

Or

- (b) Explain the iterative looping statements in PL/SQL.

15. (a) Differentiate between Implicit and Explicit cursor.

Or

- (b) Explain Exception handling in PL/SQL.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Explain various normal forms with examples.
17. Discuss about data management and retrieval.
18. Discuss in detail about views.
19. Elaborate on control structures with examples.
20. What is cursor? What are its types? Explain.