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(FOR THE CANDIDATES ADMITTED

SUB CODE

DURING THE ACADEMIC YEAR 2021 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : NOVEMBER 2023

B.Sc-INFORMATION TECHNOLOGY

MAXIMUM MARKS: 50

SEMESTER : III

TIME : 3 HOURS

PART - III

RELATIONAL DATABASE MANAGEMENT SYSTEM

SECTION – A

(10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS.(K1)

1. Set of one or more attributes taken collectively to uniquely identify a record is called ____.
(a) Primary key (b) Foreign key (c) Super key (d) Candidate key
2. Select the DML command from the following.
(a) CREATE (b) ALTER (c) DROP (d) DELETE
3. Which one of these is used with SELECT clause to fetch all columns from a table?
(a) ALL (b) * (c) DISTINCT (d) AS
4. The _____ statement to mark a point in your transaction.
(a) SAVEPOINT (b) COMMIT (c) ROLLBACK (d) REVOKE
5. How many mandatory parts package has?
(a) 2 (b) 3 (c) 4 (d) 1

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Define: Normalization.
7. What is meant by Spooling?
8. How to add a new record in SQL?
9. State the various uses of sub query.
10. Define: Varray.

CONTD 2)

SECTION – B**(5 X 3 = 15 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Discuss in detail about relational database model.
(OR)
b) List and explain the three types of dependencies.
12. a) Describe the structural query language in detail.
(OR)
b) Discuss about data types in data definition language.
13. a) Explain about adding a new row/record in DML.
(OR)
b) How to retrieve data from a table?. Explain.
14. a) Explain the fundamentals of PL/SQL.
(OR)
b) Write a note on data manipulation in PL/SQL.
15. a) List and explain the explicit cursor attributes.
(OR)
b) Explain about Triggers.

SECTION – C**(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K4/ K5)**

16. a) Discuss the theoretical relational languages to use with the relational model.
(OR)
b) Explain briefly the various normal forms with suitable examples.
17. a) Discuss in detail about constraints in SQL.
(OR)
b) Describe how to alter an existing table with examples.
18. a) Explain about restricting data with a WHERE clause.
(OR)
b) Inspect the built-in functions with example.
19. a) Survey on set operators.
(OR)
b) Summarise the PL/SQL control structures.
20. a) Compare implicit cursors with explicit cursors.
(OR)
b) What is an exception? Discuss the types of exceptions.