

Register Number :

Name of the Candidate :

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B.Sc. DEGREE EXAMINATION, 2011

(COMPUTER SCIENCE)

(SECOND YEAR)

(PART - III)

(PAPER - XII)

**240.RELATIONAL DATABASE
MANAGEMENT SYSTEMS**

(Common with B.C.A. & Double Degree)

(Including Lateral Entry)

December] [Time : 3 Hours

Maximum : 100 Marks

SECTION - A (8× 5=40)

Answer any EIGHT questions.

ALL questions carry equal marks.

1. What is DBMS? What are the advantages of DBMS?

Turn Over

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2. Give a brief account of data independence.
3. Write a short note on data schemas.
4. Explain the concept of relational calculus.
5. What is SQL? Explain with an example.
6. What is QBE? Explain with an example.
7. Write a brief note on normal forms.
8. What is functional dependency? Explain.
9. List and explain the advantages of PL/SQL.
10. Write the general form of WHILE LOOP in PL /SQL.

SECTION - B (3× 20=60)

Answer any THREE questions.

ALL questions carry equal marks.

11. Explain the architecture of Database System with a neat diagram.
12. Describe the entity-relationship diagram with examples.
13. Explain the various built-in functions in SQL with examples.

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14. Discuss the multivalued dependency in detail.
15. Write a detailed note on PL/SQL editors.