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**5393**

Register Number:

Name of the Candidate:

**B.Sc. DEGREE EXAMINATION December 2014**

**(COMPUTER SCIENCE)**

**(SECOND YEAR)**

**(PART-III)**

**240. RELATIONAL DATABASE MANAGEMENT SYSTEMS**

**(Common with B.C.A and Double Degree)**

Time: Three hours

Maximum: 100 marks

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**SECTION – A**

**(8× 5 = 40)**

**Answer any EIGHT questions**

1. Explain the purpose of database system.
2. Discuss the importance of foreign key.
3. What is generalization in E-R diagram?
4. Explain about database schemas.
5. Give the syntax of five numeric functions in SQL with example.
6. What is QBE?
7. What is functional dependency? Give an example.
8. Discuss about Multivalued dependency.
9. What is anonymous Block in PL/SQL?
10. Write the syntax of EXIT WHEN statement in PL/SQL.

**SECTION – B**

**Answer any THREE questions**

**(3× 20 = 60)**

11. Discuss the basic concepts entity sets and attributes of Entity Relationship Model.
12. Illustrate the concepts in Relational Algebra.
13. Briefly discuss about any five database commands.
14. Explain about BCNF and 4NF with an example for each.
15. Summarize about Data Manipulation PL/SQL editor.

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