



**GT-10316**

Seat No. \_\_\_\_\_

**M. C. A. - II Examination**

**May / June - 2009**

**P-203 : SAD & DBMS Concepts Using MS-Access**

Time : 3 Hours]

[Total Marks : 75

- 1 Attempt any four : 20**
- (1) Fact finding techniques.
  - (2) Coding methods.
  - (3) Objectives of output design.
  - (4) Categories of information system.
  - (5) Functions of system analyst.
- 2 Attempt any four : 20**
- (1) Tools for documenting procedure and decisions.
  - (2) Reasons for project proposal.
  - (3) Objectives of input design.
  - (4) Methods of file organization.
  - (5) What are the principles of software design ?
- 3 Explain different database model. 10**
- 4 Attempt any three : 15**
- (1) Characteristics of DBMS.
  - (2) Function of DBMS.
  - (3) DBMS architecture.
  - (4) Components of DBMS.
- 5 Write short note on entity relationship model. 10**
- OR**
- 5 Explain the process of normalization. 10**
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