

**FIRST YEAR B. C. A. EXAMINATION**

*Nov-2016*

**PAPER – 105: RDBMS**

**TIME: 3 HOUR**

**[TOTAL MARKS: 100]**

*CODE-8054.*

**Q -1 Answer the following questions**

**20**

1. Explain Dr. E.F. Codd Rules in detail.
2. What is relationship? Explain its type in detail.

**OR**

**Q -1 Answer the following questions**

**20**

1. Explain E-R Diagram with example.
2. What is Normalization? Explain 1NF, 2NF and 3NF .

**Q -2 Answer the following questions**

**20**

1. Write a short note on different data types available in Ms-Access.
2. Write down the steps of creating a table in Ms-Access with example.

**OR**

**Q -2 Answer the following questions**

**20**

1. Explain any 5 controls available in Report Design
2. What are the different ways of creating forms in Ms-Access.

**Q -3 Answer the following questions**

**20**

1. What is macro? List various macro actions. Explain any one macro action.
2. What is Query? Explain in detail all Basic queries

**OR**

**Q -3 Answer the following questions**

**20**

1. Explain Select query with following option for multiple tables with example.
  1. Where Clause
  2. Order by
  3. Join
  4. Alias names for table and columns
2. Explain cross tab query in detail.

**Q -4 Answer the following questions**

**20**

1. Write steps to create Report based on Multiple tables using Report Wizard
2. What is relationship? Explain in detail.

**OR**

**Q -4 Answer the following questions**

**20**

1. What is Join and state its types. Also write steps to create various types of join.
2. Write steps to create form based on Multiple tables using form wizard.

**Q -5 Answer the following questions**

**20**

1. Explain Compact and Repair facility in MS Access
2. What is XML file? Write steps to export database to XML file.

**OR**

**Q -5 Answer the following questions**

**20**

1. What is Import Facility? Write steps to import table in MS Access from Text file
2. What is Export Facility? Write steps to export you database table to Excel file.