



MAL-003-039303

Seat No. _____

B. Voc. (ACTECH) (Sem. III) (CBCS) Examination

October / November – 2016

ACTECH 3.3 : RDBMS Using SQL Server

Faculty Code : 003

Subject Code : 039303

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Attempt following objective questions : 20

- (1) Which file is used to recover a database in the event of failure?
- (2) Which database serves as a template for all new databases?
- (3) _____ Clause specifies the groups into which output rows are to be placed and, if aggregate functions are included in the SELECT clause.
- (4) Which clause displays the unique values of the column?
- (5) What is full form of OLAP?
- (6) What is a view?
- (7) ETL stands for _____.
- (8) Using 'LIKE' Operator, we may compare single character with _____.
- (9) Which symbol used to represent entity relationship in E-R diagram?
- (10) You can share your own object locally with the help of _____.
- (11) Update instructor
_____ salary = salary * 1.05
Fill in with correct keyword to update the instructor relation.
- (12) Which predicate is used to compare a list of values or multiple values?

- (13) The 'Relational Model' of database and concept of RDBMS was introduced by _____.
- (14) SQL was developed by _____.
- (15) Write syntax for giving alias to column.
- (16) How to destroy table using DROP command?
- (17) How to create another table from an existing table? Give syntax and example.
- (18) What is one-to-many relationship?
- (19) Explain Master database.
- (20) What is Server?

- 2** (a) Answer any **three** : **6**
- (1) Explain Order By clause with syntax and example.
 - (2) Explain COUNT() and AVG() function.
 - (3) Write all syntax of ALTER TABLE command.
 - (4) IN and NOT IN predicate, Explain.
 - (5) Explain range searching operator.
 - (6) Write both syntax of INSERT INTO statement.
- (b) Answer any **three** : **9**
- (1) Explain System Database of SQL Server 2005.
 - (2) Write a note on Logical operator in SQL Server.
 - (3) Explain the PL/SQL Block Structure.
 - (4) Explain CHECK along with examples.
 - (5) Give difference between DBMS and RDBMS.
 - (6) Explain : Commit, Rollback with example.
- (c) Answer any **two** : **10**
- (1) Explain Primary Key and Foreign Key constraint in detail.
 - (2) Write a note on Normalization.
 - (3) Explain GRANT and REVOKE in detail.
 - (4) Explain Cursor in SQL Server.
 - (5) Explain SQL Server types of Editions.

- 3** (a) Answer any **three** : **6**
- (1) Define : database, table.
 - (2) Write steps for Import and Export Database.
 - (3) Write a syntax to view table's data along with WHERE clause.
 - (4) Explain Distinct Operator.
 - (5) Define Like operator.
 - (6) Explain table creation with CREATE TABLE and command.
- (b) Answer any **three** : **9**
- (1) Write a note on Features of SQL Server in detail.
 - (2) Explain Group by clause and Having clause.
 - (3) Explain Files and Filegroups in SQL Server 2005.
 - (4) Explain the concept of Null Values and write a note on NOT NULL Constraint.
 - (5) Explain E-R Diagram with appropriate example including figure.
 - (6) Types of SQL commands including DDL, DML and DCL.
- (c) Answer any **two** : **10**
- (1) Explain Dr. E.F.Codd's Rules in detail.
 - (2) What is Join? Explain its types with appropriate example.
 - (3) What is VIEW? Explain View with appropriate example.
 - (4) Explain SQL Server Data Types.
 - (5) What is Trigger? Explain the concept of Triggers.
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