



HCN-003-039303

Seat No. _____

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

October - 2017

Actech 3.3 - RDBMS Using SQL Server

Faculty Code : 003

Subject Code : 039303

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

[Total Marks : 70

1 Attempt the Following : 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) Attempt 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.
 5. Explain range searching operator.
 6. Write both syntax of INSERT INTO statement.
- (b) Attempt 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) Attempt 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) Attempt any three : **6**
1. Define: database, table.
 2. Write a 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 command with example.
- (b) Attempt the following : (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) Attempt the following : (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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