

ASSIGNMENT : 1

Short

1. Difference between Paste and Paste Special in Excel?
2. What is Difference between AutoText and AutoCorrect?
3. What is the use of Split and Freeze Pane in Excel?
4. What is Active Cell, Range, Region and Wrap Text?
5. Difference between Softcopy and Hard Copy?
6. how do you convert lower case letter to upper case letter and upper case letter to lower case using keyboard without menu?
7. Difference between save, save as, save all.
8. How many rows and columns are there in excel?

Long

1. What is sorting and Filter? How to apply sorting and Filter in MS-Excel?
2. Explain SumIf, CountIf, IF functions.
3. Write a note on spelling and grammar check utility.
4. Explain consolidation and Text to Column with example.
5. What is chart? Explain type and each wizard in brief.
6. Explain functions in excel.
7. Explain Hyperlink, Header, Footer and Save as CSV.

ASSIGNMENT : 2

1. What is Database?
2. What is Row / Tuple / Record?
3. What is Column / Attribute / Field?
4. What is table?
5. What is the extension of MS Access of 2003 and 2007?
6. What is the extension of Open Office Base?
7. Explain Open Office Base data type.
8. What is Entity?
9. What is difference between MS Excel vs. MS Access?
10. Explain Types of Entity Set and Attributes. (long que)
11. Explain types of keys in database.(long que)
12. Explain Mapping Cardinalities with example.(long que)

ASSIGNMENT : 3

SQL SYNTAX:

<https://drronakpanchal.files.wordpress.com/2019/12/sql-syntax.pdf>

ASSIGNMENT : 4

1. Draw ER Diagram of Banking System.
2. Draw ER Diagram of Hospital Management System.
3. Draw ER Diagram of Inventory Management System.
4. Draw ER Diagram of Library Management System.

5. Draw ER Diagram of College Management System.
6. Draw ER Diagram of Online Airway Reservation System.

ASSIGNMENT : 5

QUE: 1 Answer any Seven:

1. How to reduce data redundancy?
2. Difference between drop and delete.
3. Differentiate ALTER and UPDATE.
4. Define: DBMS.
5. Explain ORDER BY Clause with example.
6. Define Strong and Weak Entity Set.
7. Define Primary Key with example.
8. What is Data Dictionary?

QUE: 2

- (A) Explain File Processing System. Define drawbacks of file processing system over DBMS.
- (B) What is Functional Dependency? Explain types of Functional Dependency with example.
- (C) Explain DBMS architecture with figure.

QUE: 3 Answer the Questions

- (A) What is Normalization? Differentiate 3NF and BCNF.
- (B) Differentiate between Relational Model, Network Model and Hierarchical Model with appropriate figures.
- (C) Define Attributes and types of Attributes in detail.

QUE: 4 Answer the Questions

- (A) Explain any four Aggregate Functions with example.
- (B) EXPLAIN DDL and DML command
- (C) Explain Data independence in detail.

QUE: 5

- (A) Draw ER diagram of any one :
 - (1) Online Banking Management
 - (2) Department store
- (B) Write any four sql considering following relations.
STUDENT(ROLLNO,NAME,CITY,PINCODE)
RESULT(ROLLNO,MARK1,MARK2,MARK3)

QUERIES:

1. Write SQL to create tables for above relations with appropriate constraints.
2. List name and total marks of all the students who are studying in class FYBCA.
3. Display city wise total number of student.
4. List the name of students who scored more than 60% in mark2.
5. List name of student whose name starts with 'v'.