



# INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



**Subject:** Multimedia & Web  
Technology

**Topic:** Database Management

**Class Test:** 3  
**Marks:** 25

**Resource Person:** Sara Alex

**Date:** \_\_\_\_\_

**Name of the Student :** \_\_\_\_\_ **Class:** XII \_\_\_\_\_

**Roll Number :** \_\_\_\_\_

## Answer the following question based on Data Base:

1. Write any two DBMS other than MS Access. 1
2. What are the advantages of a database? 2
3. What is the significance of having a primary key in a relation? 1
4. Define a composite key? 1
5. Study the given Table below and answer the following questions. 20

TABLE: **HOSPITAL**

No	Pt_No	Name	Age	Department	DateOfAdm	Charges	Sex
1	P0012	Arprit	62	Surgery	2018-01-17	75000	M
2	P0089	Zarina	22	ENT	2017-12-25	2500	F
3	P0076	Kareem	32	Orthopedic	2018-03-11	14000	M
4	P0056	Arun	12	Cardiology	2017-11-10	96000	M
5	P0023	Zubin	45	ENT	2018-04-15	3500	M
6	P0022	Sudha	35	Gynecology	2018-02-23	15000	F
7	P0059	Ankita	49	Orthopedic	2018-03-18	23500	F
8	P0011	Shilpa	21	Cardiology	2018-04-16	11000	F
9	P0077	Surya	30	Surgery	2018-02-35	54400	F
10	P0066	Rekesh	39	Cardiology	2018-01-22	34000	M

- i. Write the name of the relation given above.
- ii. Suggest a field from the above table which can be set as primary key.
- iii. Suggest the data types that should be used for each of the field in the above table.
- iv. What is the degree and the cardinality of the given table?
- v. Write the SQL command to create the above table HOSPITAL with suitable data

types.

- vi. Write the query to show the structure of table.
- vii. To insert a single record into the table.
- viii. To display the information of ENT department from the table.
- ix. To list the name of Female patients from the table.
- x. To display patient's Name, Age and Charges for only male patients.
- xi. To display patient's name and department with charge more than 50000.
- xii. To display all the information of patients with age < 30.
- xiii. To change the Date of admission of patient Shilpa to 2018-03-16.
- xiv. To update the department of the patient P0023 to surgery.
- xv. To increase the charges of all patients by 1000.
- xvi. To decrease the charges of all patients of ENT department by 500.
- xvii. To list all the male patients of cardiology department.
- xviii. To show all information about the patients of Department Surgery.
- xix. To delete a patient Arun from the table.
- xx. To delete all the patients from Orthopedic department.