

1. Answer the following questions :-

- i) Define the following terms : [3]
- a) Relation b) Domain c) Attribute
d) Degree e) Primary Key f) Alternate Key
- ii) Explain any two categories of commands available in SQL ? [2]
- ii) Write any two differences between the following [3]
- a) Integer and Float
b) Char and Varchar
c) Date and DateTime

2. Write SQL command for following:

- a) Create a database Exam and check for its existence also [1]
b) Open the database Exam [1/2]
c) Create a table **HOSPITAL** with the following attribute [3]

Column Name	Data Type	Size
D_No	INT	4
Department	VARCHAR	20
Doc_name	VARCHAR	30
Dt_Birth	DATE	
Consultation_Fee	FLOAT	5, 2

3. Write SQL commands for the following on the basis of table GRADUATE.

SNo	NAME	STIPEND	SUBJECT	MARKS	RANK
1	Karan	400	Physics		1
2	Divakar	450	Computers	62	2
3	Arjun	350	Physics	56	3
4	Rohan	900	Computers	78	4

- a) Insert first record in the table Graduate. [1]
b) Display the structure of table graduate [1/2]
c) Command to see all the tables present in the database [1/2]
d) Command to see all the databases present in MySQL [1/2]
e) Display all the records of table Graduate [1/2]
f) Display Name, Stipend and Marks of table graduate [1]
g) Display Name, Subject whose marks is greater than 60 [1]
h) Display subject of all graduates uniquely [1/2]
i) Display marks increased by 5 for computers subject [1]
j) Write the degree and cardinality of the table Graduate [1]