

Class 11  
24-7-2014

First Unit Test in INFORMATICS PRACTICES

Time : 1 hr.  
M. Marks : 20

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]

-X-X-X-X-X-