COMPUTER SCIENCE
CLASS VIII

TIME: 1 Hr.15 min.

General Instruction:

This question paper consists of 12 questions and all questions are compulsory.

Q1)   Define any two of the following: (2*1=2)
Query,   Database ,   Referential Integrity

Q2) Differentiate between: (2*3=6)
    1) Data and Information
    2) Master and Slave table
    3) Front end and Back end

Q3) Answer the following questions briefly: (4*2=8)
    1) Give shortcut key to run a query in LibreOffice Base.
    2) What is the need of arranging data in more than one table?
    3) List any 4 possible attributes of a Teacher table.
    4) Give any 2 examples of RDBMS.

Q4) Identify the valid field names from the following: (2)
"cust_id"   , Address, cust-id, order_number, Age

Q5) List errors (if any) in the following SQL statements:-   (4*1=4)
    !)   Select from Customer *
    2) Select "Cust_id", "Address" from Customer
    3) Select orderNo from customer where id 2
    4) Select* where id = c007 and age=45

Q6) Briefly describe the advantages of DBMS.   (2)

Q7) Explain any 2 Integer data types available in LibreOffice Base.   (2)

Q8) Define a Report. What is the need of creating Reports?   (2)

Q9) What is a data type? How is char data type different from a varchar?   (2)

Q10) Explain the role of a Database administrator.   (2)

Q11) Describe the components of the database system.   (3)

Q12) Consider the following table :-

TABLE NAME- HOSPITAL

NO	NAME	AGE	DEPARTMENT	ADDRESS	CHARGES
1	KARAN	65	SURGERY	FARIDABAD	300
2	DIVAKAR	24	ORTHOPEDIC	NOIDA	200
3	DIVYA	45	SURGERY	DELHI	300
4	SABINA	36	ENT	GURGAON	250
5	ROBERT	16	CARDIOLOGY .	FARIDABAD	800
6	MOHAN	31	NUCLEAR MEDICINE	DELHI	400
7	VIKAS	19	CARDIOLOGY	GURGAON	800
8	ROBERT	29	CARDIOLOGY	NOIDA	300
9	JOHN	16	ENT	FARIDABAD	400
10	ARUN	12	CARDIOLOGY	FARIDABAD	500

WRITE THE COMMANDS IN SQL FOR THE FOLLOWING :
a) To display all the records of the above table. (1)

b) To display Name and address of every person. (1)

c) To display all records where department is cardiology. (1)

d) To display Name and Department of those who have age more than 40. (1)

e) To display the records of those persons who are staying in Noida and have charges= 300 (1)