

1/19

ROLL NUMBER				
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SET A



INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

INFORMATION TECHNOLOGY

CLASS: XI

Sub. Code: 802

Time Allotted: 50mts.

15.09.2022

Max .Marks: 20

GENERAL INSTRUCTIONS:

All questions are compulsory

1. _____ in CPU is responsible for coordination between the different units of a computer. 1
2. _____ is a non-volatile primary memory. 1
3. 1 nibble = _____ bits 1
4. Two main types of File system are _____ and _____. 1
5. _____ operating systems allow execution of only a single program at any given instant. 1
6. _____ is known as the father of operating system. 1
7. Define 2
 - a. Primary Key
 - b. DBMS
8. Write full form of DDL & DML. Give 2 examples of DDL & DML commands. 2
9. Define the following characteristics of a computer 2
 - a. Versatility
 - b. Diligence

Signature

10. Expand the following:

2

- a. PROM
- b. DRAM

11. Based on the given table, answer the following questions.

3

TABLE NAME : PATIENT

PID	NAME	AGE	GENDER	DATE	AMOUNT
P100	DANIEL	42	M	2022-01-10	10000
P101	ALI	50	F	2022-03-24	20000
P102	SREEKUMAR	32	M	2021-12-12	15000
P103	SANGEETA	35	F	2022-07-01	25000

Write SQL commands:

- a. To show all the patients' details whose name starts with 'S'.
- b. To list the name and age of all the patients whose age is more than 40
- c. To add a new record with the following values ('P107', 'SRAVAN', 25, 'M', '2021-09-13', 18000)

12. Write SQL command

3

- a. Create a database LIBRARY
- b. Select the database
- c. Create a table BOOKS with the following details.

FIELD	TYPE	CONSTRAINTS
BID	CHAR(4)	PRIMARY KEY
BOOKNAME	VARCHAR(20)	NOT NULL
TYPE	VARCHAR(20)	
PRICE	INTEGER	



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GENERAL INSTRUCTIONS:

All questions are compulsory.

1. 1 byte = _____ bits 1
2. _____ component of the computer converts alternate current power supply to low voltage direct current. 1
3. _____ in CPU is responsible for actual processing of data. 1
4. _____ is the software that acts as an interface between user and the hardware. 1
5. _____ operating systems allow execution of more than one program simultaneously. 1
6. Two main types of File system are _____ and _____. 1
7. Define the following characteristics of a computer 2
 - a. Accuracy
 - b. Versatility
8. Write the full form of DDL & DML. Give 2 examples of DDL & DML commands. 2
9. Define. 2
 - a. Record
 - b. Field

10. Expand the following:

- a. SRAM
- b. ALU

2

11. Based on the given table, answer the following questions.

3

TABLE NAME : GAME

GAMEID	NAME	DATE	PLACE
G100	FOOTBALL	2022-09-01	KERALA
G101	BASKETBALL	2022-09-11	DELHI
G102	VOLLEYBALL	2022-09-15	PUNE
G103	CRICKET	2022-09-20	DELHI

Write SQL commands:

- a. To list the GAMEID, NAME and DATE of all the GAMES in which the PLACE is DELHI
- b. To show all the games details where name contains 'KET'.
- c. To change the PLACE of the game from PUNE to GOA.

12. Write SQL command to:

3

- a. Create a database SCHOOL
- b. Select the database
- c. Create a table STUDENT with the following details.

FIELD	TYPE	CONSTRAINTS
GRNO	INTEGER	PRIMARY KEY
NAME	VARCHAR(20)	NOT NULL
DOB	DATE	
FEE	DECIMAL(6,2)	



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GENERAL INSTRUCTIONS:

All questions are compulsory.

1. List any two functions of operating system. 1
2. _____ is the main circuit board which holds together various components like CPU, memory, connectors etc. 1
3. _____ KB = 1 MB 1
4. _____ in CPU is responsible for coordination between the different units of a computer. 1
5. _____ operating systems ensure that the response time is fixed. 1
6. Two main types of File system are _____ and _____. 1
7. Define the following 2
 - a. Record
 - b. Primary Key
8. Expand the following: 2
 - a. GIGO
 - b. DRAM
9. Define the following characteristics of a computer 2
 - a. Diligence
 - b. Accuracy
10. Write full form of DDL & DML. Give 2 examples of DDL & DML commands. 2

11. Based on the given table, answer the following questions.

3

TABLE NAME : BOOKS

BID	BOOKNAME	TYPE	PRICE
B001	The Watcher	Biography	250
B002	The Little Prince	Science Fiction	900
B003	Harry Potter	Fantasy	500

Write SQL commands:

- To list all the details of books that are either Fantasy or Biography
- To list the bookname, type and price of all the books where PRICE is less than 700.
- To add a new record with the following values ('B104', 'Radiant Child', 'Biography', 800)

12. Write SQL commands to

3

- Create a database GAMES
- Select the database
- Create a table SCORE with the following details.

FIELD	TYPE	CONSTRAINTS
PLAYERID	CHAR(4)	PRIMARY KEY
NAME	VARCHAR(20)	NOT NULL
GAME	VARCHAR(10)	UNIQUE
SCORE	INTEGER	

_____ X _____