**SET** 



# 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	compu	lsory
			-	

1.	in CPU is responsible for coordination between the different units of a	1
	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	—



- 10. Expand the following:
  - a. PROM
  - b. DRAM
- 11. Based on the given table, answer the following questions.

TABLE NAME: PATIENT

PID	NAME	AGE	GENDER	DATE	AMOUNT
P100	DANIEL	42	М	2022-01-10	10000
P101	ALI	50	F	2022-03-24	20000
P102	SREEKUMAR	32	М	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

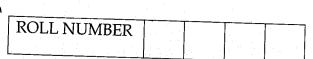
- a. Create a database LIBRARY
- b. Select the database
- c. Create a table BOOKS with the following details.

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

3

2

3





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## GENERAL INSTRUCTIONS:

All questions are compulsory.

1.	1 byte = bits	
2.	component of the computer converts alternate current power supply to low voltage direct current.	1 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	<del>-</del>
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
- 11. Based on the given table, answer the following questions.

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
	ONORET	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:

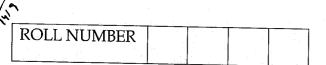
- a. Create a database SCHOOL
- b. Select the database
- c. Create a table STUDENT with the following details.

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

3

2

3





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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

3

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

**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:

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

### 12. Write SQL commands to

- a. Create a database GAMES
- b. Select the database
- c. 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	

