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**INDIAN SCHOOL MUSCAT
HALF YEARLY EXAMINATION 2022
INFORMATION TECHNOLOGY (802)**



CLASS : XI
DATE: 04-12-2022

TIME ALLOTTED : 3 HRS.
MAXIMUM MARKS: 60

GENERAL INSTRUCTIONS:

Read the Questions carefully before writing answers:

Part A : Employability Skills (10 Marks)

Part B : Computer Organization , Networking and Internet, Office Automation Tools , RDBMS (50 Marks)

**Q1. PART-A (Employability Skills)
(Answer any 10 questions out of 11)**

1. _____ - is the act of conveying meanings from one entity to another through the use of mutually understood signs, symbols and semiotic rules. 1
2. Write any one Properties of an Aggressive Communicator. 1
3. Write any one strength and weakness of Self – management skills. 1
4. Write any two benefits of Team Work. 1
5. Write the shortcut key which is to make Bold appearance in Libre Office. 1
6. Write any two common word processing applications available on computers? 1
7. An _____ is a person who tries to meet the needs of a customer through new ideas or ways of doing business and makes profit in return. 1
a. Entrepreneurship b. Businessman c. Planner d. None of the above
8. A _____ is a business that turns raw materials into finished products to fulfill customer needs. 1
a. Manufacturing Business b. Services Business c. Trading
d. All of the above
9. What is a green economy? 1
10. Write the full form of NAPCC. 1
11. _____ is an area where you can add title, author's name, company name or logo within the top margin of each page. 1

PART – B
(Computer Organization, Networking and Internet, Office Automation Tools, RDBMS)

Q2. (Answer any 6 Questions out of 8)

1. 1 Giga Byte (GB)=_____ MB 1
2. Write the full form of
a) MAC b) PAN 1
3. Define Domain Name with an example 1
4. Write any two options available under format menu of Open Office Writer. 1
5. Define cell in open office spread sheet. 1
6. What is the default extension Open Office Impress (Presentation)? 1
7. In MySQL _____ is called as Cardinality. 1
8. Mr.Raju wants to add a new column (REMARK) to the table EMP (already created). He is confused about the command(s). Help him to choose the appropriate command for the same. 1
(a) Drop (b) Create (c) Alter (d) Insert

Q3. (Answer Any 5 Questions out of 6)

1. _____ is the software that acts as an interface between user and the hardware. . 1
2. _____ is used to restore the input signal to its original form, so that it can travel a larger distance. 1
3. Write the shortcut key(s) for undo and redo options in office writer. 1
4. Write any two cell addressing reference in Open Office Calc. 1
5. Write any two field names of EMP Table with their Data Types. 1
6. In MySQL, _____ - is the command which is used to open the previously created database. 1
(a) Open (b) Use (c) Create (d) None

Q4. (Answer Any 5 Questions out of 6)

1. _____ a very high-speed memory which is used to cope-up with the high speed of CPU. It is generally placed between CPU and Primary memory and acts as a buffer. 1
2. Define **Transmission Medium**. 1
3. _____ used for connecting various networks (LAN or WAN) with each other . 1
(a) Bridge (b) HUB (c) Router (d) Repeater
4. Write any two components of Open Office Writer Screen. 1
5. Write any two DBMS software names. 1
6. Identify the error in the following mysql query 1
Update table emp fix sal=sal+100;

Q5. (Answer Any 5 Questions out of 6)

1. Write the Full form of
(a) DRAM (b) ALU 1
2. Define IP Address. 1
3. The arrangement (also called layout) of nodes in a network is called _____. 1
4. What is the use of Print Preview in Open Office Writer? 1
5. In MySQL, _____ command is used to open the previously created database. 1
6. Write a command that is used to display the structure of STUDENT table. 1

Q6. (Answer Any 5 Questions out of 6)

1. _____ is the main circuit board which holds together various components like CPU, memory, connectors for the hard drive and optical drives, expansion cards to control the video and audio, and connections in the form of various ports (such as USB ports). 1
2. Write the full form of the following Domain Name(s). 1
(a) .org (b) .gov
3. What is the use of change case option in open office writer? 1
4. What is wrong in the following spread sheet formula? Rewrite the correct formula. 1
=A1+12B
5. Write any two characteristics of MySQL. 1
6. There is a table T1 with three columns C1, C2, and C3 and C1 column assigned with primary key. Is it possible to enter? 1
a. NULL values in C1 Column?
b. Duplicate values in any of these columns?

Q7. (Answer Any 3 Questions out of 5)

1. Explain the following: 2
(a) ALU (b) Primary Memory
2. What is the difference between save and save As? 2
3. How Drop command is different from Delete command? Explain 2
4. Write the difference between CHAR and VARCHAR datatypes. 2
5. What is wrong in the following Queries and rewrite the correct Queries. 2
(a) Select * from emp where deptno=NULL;
(b) Select ename from emp where ename like="A%";

Q8. (Answer Any 2 Questions out of 3)

1. Explain any three characteristics of a computer. 3

2. Write the formula for the following Open Office CALC:

	A	B	C	D	E
1	Rollno	Name	Eng	Mat	Total
2	1	Karan	97	90	
3	2	Paul	95	94	
4	3	Aishwarya	96	91	
5	4	Manish	85	82	

3

- Write a formula to find the Total
- Write a Formula to find the Maximum and Minimum of Eng Marks.

3. Explain the Following based on Open Office Impress.

3

- Slide Master
- Slide transition

Q9. (Answer Any 3 Questions out of 4)

1. Explain the following Topologies with the design

2+2=4

- Bus Topology
- Star Topology

2. (a) Define Guided medium and UnGuided medium with an example.
(b) Define Repeater and Gateway.

2+2=4

3. Write a Query to create the following Database and the table.

2+1+1=4

- Database name: HYE2022 Table Name :STUDENT

Field Name	Data Type	Size	Constraint
Rollno	Int	4	Primary Key
Name	Char	20	Not Null
Total_Marks	Int	4	
Age	Int	3	
Address	Varchar	20	

- Write a Query to add a new column EMAIL varchar (25)
- Write a Query to add a new record including EMAIL.

4. Write a query(s) based on the following table:

Table : DATAMASTER

Item_No	Item_Name	Price	Qty	Origin
V2345	Mouse	7	120	USA
G5678	Key Board	14	230	UK
V4321	Hard Disc	23	450	INDIA
B6579	Monitor	120	210	USA

4*1=4

- Write a Query to display all item names whose price is not between 7 and 12
- Write a Query to display all the details of items whose Origin is UK and INDIA.
- Write the query to display all the item name and the origin whose item number starts with the character "V".
- Write query to delete all the records whose price is less than 10

******END OF THE QUESTION PAPER******

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GENERAL INSTRUCTIONS:

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Part A : Employability Skills (10 Marks)

**Part B : Computer Organization , Networking and Internet, Office Automation Tools ,
RDBMS (50 Marks)**

Q1.

**PART-A (Employability Skills)
(Answer any 10 questions out of 11)**

1. Write any two common word processing applications available on computers? 1
2. An _____ is a person who tries to meet the needs of a customer through new ideas or ways of doing business and makes profit in return. 1
a. Entrepreneurship b. Businessman c. Planner d. None of the above
3. A _____ is a business that turns raw materials into finished products to fulfill customer needs. 1
a. Manufacturing Business b. Services Business c. Trading
d. All of the above
4. What is a green economy? 1
5. _____ - is the act of conveying meanings from one entity to another through the use of mutually understood signs, symbols and semiotic rules. 1
6. Write any one Properties of an Aggressive Communicator. 1
7. Write any one strength and weakness of Self – management skills. 1
8. Write any two benefits of Team Work. 1
9. _____ is an area where you can add title, author's name, company name or logo within the top margin of each page. 1
10. Write the shortcut key which is to make Bold appearance in Libre Office. 1
11. Write the full form of NAPCC. 1

PART – B
(Computer Organization, Networking and Internet, Office Automation Tools, RDBMS)

Q2. (Answer any 6 Questions out of 8)

1. What is the default extension Open Office Impress (Presentation)? 1
2. In MySQL _____ is called as Degree. 1
3. Mr.Raju wants to add a new column (REMARK) to the table EMP (already created). He is confused about the command(s). Help him to choose the appropriate command for the same.
Drop (b) Create (c) Alter (d) Insert 1
4. 1 Giga Byte (GB)=_____ MB 1
5. Write the full form of
a) MAC b) MAN 1
6. Define Domain Name with an example 1
7. Write any two options available under format menu of Open Office Writer. 1
8. Define cell in open office spread sheet. 1

Q3. (Answer Any 5 Questions out of 6)

1. Write any two cell addressing reference in Open Office Calc. 1
2. Write any two filed names of DOCTOR Table with their Data Types. 1
3. In MySQL, _____ - is the command which is used to open the previously created database.
a) Open (b) Use (c) Create (d) None 1
4. _____ is the software that acts as an interface between user and the hardware. . 1
5. _____ is used to restore the input signal to its original form, so that it can travel a larger distance. 1
6. Write the shortcut key(s) for undo and redo options in office writer. 1

Q4. (Answer Any 5 Questions out of 6)

1. Identify the error in the following mysql query
Update tablename employee modify sal=sal+100; 1
2. Write any two components of Open Office Writer Screen. 1
3. Write any two DBMS software names. 1
4. _____ a very high-speed memory which is used to cope-up with the high speed of CPU. It is generally placed between CPU and Primary memory and acts as a buffer. 1
5. Define **Transmission Medium**. 1

6. _____ used for connecting various networks (LAN or WAN) with each other . 1
a) Bridge (b) HUB (c) Router (d) Repeater

Q5. (Answer Any 5 Questions out of 6)

1. What is the use of Print Preview in Open Office Writer? 1
2. In MySQL, _____ command is used to open the previously created database. 1
3. Write a command that is used to display the structure of MASTERDATA table. 1
4. Write the Full form of 1
a) EEPROM (b) MU
5. Define IP Address. 1
6. The arrangement (also called layout) of nodes in a network is called _____. 1

Q6. (Answer Any 5 Questions out of 6)

1. What is wrong in the following spread sheet formula? Rewrite the correct formula. 1
= &A1+12\$B
2. Write the full form of the following Domain Name(s). 1
(a) . org (b) . gov
3. There is a table T1 with combination of columns C1, C2, and C3 and C1 column assigned 1
with primary key. Is it possible to enter?
a. NULL values in C1 Column?
b. Duplicate values in any of these columns?
4. _____ is the main circuit board which holds together various components like CPU, 1
memory, connectors for the hard drive and optical drives, expansion cards to control the
video and audio, and connections in the form of various ports (such as USB ports).
5. Write any two characteristics of MySQL. 1
6. What is the use of change case option in open office writer? 1

Q7. (Answer Any 3 Questions out of 5)

1. Explain the following: 2
(a) ALU (b) Primary Memory
2. What is the difference between save and save As? 2
3. What is wrong in the following Queries and rewrite the correct Queries. 2
(a) Select * from employee where deptno IN=NULL;
(b) Select ename from employee where ename ="%A";
4. Write the difference between CHAR and VARCHAR datatypes. 2
5. How Drop command is different from Delete command? Explain 2

Q8. (Answer Any 2 Questions out of 3)

1. Explain the Following based on Open Office Impress. 3
 - a) Slide Master
 - (b) Slide transition
2. Write the formula for the following Open Office CALC:

	F	G	H	I	J
10	Rollno	Name	SCI	MAT	Total
11	1	Karan	91	91	
12	2	Paul	90	93	
13	3	Aishwarya	89	90	
14	4	Manish	84	79	

2

- a) Write a formula to find the Total
 - b) Write a Formula to find the Maximum and Minimum of maths Marks.
3. Explain any three characteristics of a computer. 2

Q9. (Answer Any 3 Questions out of 4)

1.
 - a) Define Guided and UnGuided Medium with an example. 2+2=4
 - b) Define Repeater and Gateway.
- c) Explain the following Topologies with the design 2+2=4
 - a) Bus Topology
 - b) Ring Topology
- d) Write a Query to create the following Database and the table. 2+1+1=4

a) Database name: ISMHYE2022 Table Name :STUDMASTER

Field Name	Data Type	Size	Constraint
Rollno	int	4	Primary Key
Name	char	20	Not Null
Marks	int	4	
Address	Varchar	20	

- b) Write a Query to delete a column Address
 - c) Write a Query to add a new record to the table.

- e) Write a query(s) based on the following table:

Table : MASTERFILE

Item_No	Item_Name	Price	Qty	Origin
V2345	Mouse	7	120	USA
G5678	Key Board	14	230	UK
V4321	Hard Disc		450	INDIA
B6579	Monitor	120	210	USA

4*1=4

- Write a Query to display all item names whose price is greater than or equal to 20
- Write a Query to display all the details of items whose Origin is NOT UK.
- Write the query to display all the item name and the origin whose item name ends with the character "r".
- Write query to display all the item names and their price whose price is not yet fixed.

******END OF THE QUESTION PAPER******

8/3/12

ROLL NUMBER				
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6. Write any one Properties of an Aggressive Communicator. 1
7. Write any one strength and weakness of **Self – management skills**. 1
8. A _____ is a business that turns raw materials into finished products to fulfill customer needs. 1
a. Manufacturing Business b. Services Business c. Trading
d. All of the above
9. Write the shortcut key which is to make Bold appearance in Libre Office. 1
10. Write the full form of NAPCC. 1
11. What is a green economy? 1

PART – B
(Computer Organization, Networking and Internet, Office Automation Tools, RDBMS)

Q2. (Answer any 6 Questions out of 8)

1. In MySQL _____ is called as Tuple. 1
2. Write any two options available under format menu of Open Office Writer. 1
3. Define cell in open office spread sheet. 1
4. 1 Giga Byte (GB)= _____ MB 1
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a) MAC b) MAN 1
6. Mr.Raju wants to add a new column (REMARK) to the table EMP (already created). He is confused about the command(s). Help him to choose the appropriate command for the same. 1
(a) Drop (b) Create (c) Alter (d) Insert
7. What is the default extension Open Office CALC (Spread sheet)? 1
8. Define Domain Name with an example 1

Q3. (Answer Any 5 Questions out of 6)

1. In MySQL, _____ - is the command which is used to open the previously created database. 1
(a) Open (b) Use (c) Create (d) None
2. _____ is the software that acts as an interface between user and the hardware. 1
3. Define Absolute reference with an example in Open Office Calc. 1
4. Write the shortcut key(s) for undo and redo options in office writer. 1
5. _____ is used to restore the input signal to its original form, so that it can travel a larger distance. 1
6. Write any two filed names of HOSPITAL Table with their Data Types. 1

Q4. (Answer Any 5 Questions out of 6)

1. _____ a very high-speed memory which is used to cope-up with the high speed of CPU. It is generally placed between CPU and Primary memory and acts as a buffer. 1
2. Identify the error in the following mysql query
Select Ename from emp where deptno= NULL; 1
3. Write any two DBMS software names. 1
4. Define **Transmission Medium**. 1
5. Write any two components of Open Office Writer Screen. 1
6. _____ used for connecting various networks (LAN or WAN) with each other . 1
a) Bridge (b) HUB (c) Router (d) Repeater

Q5. (Answer Any 5 Questions out of 6)

1. Write the Full form of
a) ALU (b) CU 1
2. Define IP Address. 1
3. Write a command that is used to display the structure of MASTERDATA table. 1
4. The arrangement (also called layout) of nodes in a network is called _____. 1
5. What is the use of Print Preview in Open Office Writer? 1
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Q6. (Answer Any 5 Questions out of 6)

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Q7. (Answer Any 3 Questions out of 5)

1. Write the difference between CHAR and VARCHAR datatypes 2
2. Explain the following: 2
(a) CPU (b) Primary Memory
3. How Drop command is different from Delete command? Explain 2
4. What is the difference between save and save As? 2
5. What is wrong in the following Queries and rewrite the correct Queries. 2
(a) Select * from employee where deptno IN=NULL;
(b) Select ename from employee where ename ="%A";

Q8. (Answer Any 2 Questions out of 3)

1. Explain any three characteristics of a computer. 3

2. Explain the Following based on Open Office Impress.
(a) Slide Master (b) Slide transition

2

3. Write the formula for the following Open Office CALC:

2

	F	G	H	I	J
34	Rollno	Name	HIN	MAT	Total
35	1	Karan	78	91	
36	2	Paul	65	93	
37	3	Aishwarya	82	90	
38	4	Manish	45	79	

- a) Write a formula TO INCREASE THE HINDI MARK BY 5.
b) Write a Formula to find the Maximum and Minimum of Maths Marks.

Q9. (Answer Any 3 Questions out of 4)

1. Explain the following Topologies with the design
a) Star Topology b) Ring Topology

2+2=4

2. a) Define Guided and UnGuided Medium with an example.
b) Define Repeater and Gateway.

2+2=4

3. Write a Query to create the following Database and the table.

2+1+1=4

a) Database name: ISM_2022 Table Name :PERSONAL

Field Name	Data Type	Size	Constraint
Rollno	int	4	Primary Key
Name	char	20	Not Null
Marks	int	4	
Address	Varchar	20	

- b) Write a Query to Add a column Remark Varchar(20)
c) Write a Query to delete all the records to the table.

4. Write a query(s) based on the following table:

Table : DATA_1234

Item_No	Item_Name	Price	Qty	Origin
A2345	Hard Disc	37	120	Taiwan
B4567	Monitor	84	230	Singapore
A3214	Mouse	21	450	Malaysia
C5643	Key Board	30	210	Taiwan

4*1=4

- Write a Query to display all item names whose price is less than 50.
- Write a Query to display all the details of items whose Origin is NOT Malaysia.
- Write the query to display all the item name and the origin whose item name starts with the character "K".
- Write query to display all the item names and their price whose price is not yet fixed.

******END OF THE QUESTION PAPER******

