INDIAN SCHOOL MUSCAT
SECOND PRE - BOARD EXAMINATION
INFORMATION TECHNOLOGY (402)

Term -2

CLASS X   Max. Time Allowed: 1 Hr

19.04.2022   Max. Marks: 25

General Instructions:

1. Please read the instructions carefully

2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.

3. Section A is of 05 marks and has 06 questions on Employability Skills.

   a) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
   b) Questions numbers 5 and 6 are two marks questions. Attempt any one question.

4. Section B is of 12 marks and has 12 questions on Subject Specific Skills.

   a) Questions numbers 7 to 12 are one mark questions. Attempt any four questions.
   b) Questions numbers 13 to 18 are two marks questions. Attempt any four questions.

5. Section C is of 08 marks and has 03 competency-based questions.

   a) Questions numbers 19 to 21 are four marks questions. Attempt any two questions.

6. Do as per the instructions given in the respective sections.

7. Marks allotted are mentioned against each section/question.

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SECTION A   **(3 + 2 = 5 marks)**

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Answer any 3 questions out of the given 4 questions. Each question is of mark.

1 x 3 = 3

Q.1	Give any two Sustainable Development Goals of the world.	1
Q.2	Explain any one quality of a successful entrepreneur	1
Q.3	Name the term used for a false belief or opinion about something.	1
Q.4	Give any one practice / sustainable process that is being used to help preserve the environment.	1

Answer any 1 question out of the given 2 questions. Each question is of 2 marks.

2 x 1 = 2

Q.5	Define Entrepreneur. Where do they do their business.	2
Q.6	Explain any two qualities of Entrepreneur.	2

SECTION B   **(4 + 8 = 12 marks)**

Answer any 04 questions out of the given 06 questions   **1 x 4 = 4**

Q.7   Write the full form of MODEM.   1

Q.8   _____ key is an accessibility function which is designed for people who have vision impairment or cognitive disabilities.   1

Q.9   Define Computer Network.   1

Q.10 Mention any two integer data types of a table field in database.   1

Q.11 Name the relationship in which one column of the primary key table is associated with all the columns of the associated table and vice versa.   1

Q.12 Define Query of a database.   1

Answer any 04 questions out of the given 06 questions   **2 x 4 = 8**

Q.13 Define ISP. Name any two-connection type that home users use.   2

Q.14 Differentiate between wired and wireless access. Give one example for each type.   2

Q.15 What is the difference between Null and Not Null ?explain with an example.   2

Q.16 What is Referential Integrity? Explain its two(any) purposes.   2

Q.17 Write any main two advantages of networking.   2

Q.18 Identify the columns and data types of a table: STUDENT. Mention at least four columns with data type.   2

SECTION C   **(2 x 4 = 8 marks)**
(COMPETENCY BASED QUESTIONS)

Answer any 02 questions out of the given 03 questions

Q.19 Raja and Arun are working on a school project assigned to them by their teacher. They have to send instant messages to each other and also do video conferencing after school hours in order to complete the project on time.   4
   a.   Suggest any 2 good instant messaging software that they can use.
   b.   Apart from computers, list 2 hardware's that Raja and Arun need for videoconferencing.

Q.20 Sharmila has purchased some BOOKS from an online site. She has to make online payment for the items to complete the transaction. Help by answering her following queries.

   1. Suggest any two options that he can use to make payment of his bill on the   4
   online shopping website.
   2. Name any 2 situations where online shopping could be useful.
   3. Name any 2 popular online transaction websites.
   4. Write full form of COD in reference to online shopping.

TABLE NAME : EMPLOYEE

Q.21

NUMBER	NAME	AGE	Department	DATEOFJOIN	SALARY	GEN DER
1	Rhea	34	COMPUTER	10/01/2019	24000	F
2	Karan	31	HRD	24/03/2019	20000	M
3	Muzavir	32	SALES	12/12/2019	18000	M
4	Abdul	35	SERVICE	01/07/2020	7500	M
5	Paul	42	HRD	05/09/2020	11000	M
6	Rahul	50	SERICE	27/06/2021	7000	M
7	Aishwarya	44	COMPUTER	25/02/2021	20000	F
8	Jennifer	33	COMPUTER	31/07/2020	21000	F

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Write SQL commands:
   a. To DISPLAY ALL THE EMPLOYEES FROM COMPUTER DEPARTMENT.
   b. To list the details of all the EMPLOYEES who are getting salary between 7000 to 7500.
   c. To display the subject of all the EMPLOYEES NAME AND THEIR SALARY whose age is more than 33 years.
   d. To display the all the employees details in Ascending order of their Department name.

End of the Question Paper