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SET C



**INDIAN SCHOOL MUSCAT
FIRST TERM EXAMINATION
INFORMATION TECHNOLOGY**

CLASS: XI
30.09.2018

Sub. Code: 802

Time Allotted: 3 Hrs
Max. Marks: 50

General Instructions:

- All questions are compulsory.

I.

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|----|---|---|
| 1. | What is e-Learning? | 1 |
| 2. | Mention any two advantages of e-Business. | 1 |
| 3. | Mention any two negative impacts of IT. | 1 |
| 4. | What are the objectives of e-Governance? | 1 |
| 5. | Write any two features of computers. | 1 |
| 6. | Write the address of any two commonly used e-Business websites. | 1 |

II.

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|----|---|---|
| 1. | Define firmware. Give an example | 2 |
| 2. | What do you mean by a Hybrid computer? Explain | 2 |
| 3. | Mention any four major features in the third generation of computers. | 2 |
| 4. | Write a note on Microcomputers. | 2 |
| 5. | Why we need a parallel port in a computer? | 2 |
| 6. | What are language processors? | 2 |
| 7. | Write a note on special purpose computers. | 2 |
| 8. | What are the functions of an operating system? | 2 |
| 9. | Write notes on a) Application Software b) DVD-R | 3 |

III. Write the MySQL commands to do the following :

1.
 - a) Create the following table **WORKER** with the field **WNO** as the Primary key. 3
(Assume the data type of all fields according to data in the table).

TABLE: WORKER

WNO	NAME	DOJ	DOB	GENDER
1001	George K	2013-09-02	1991-09-01	MALE
1002	Ryma Sen	2012-12-11	1990-12-15	FEMALE
1003	Mohitesh	2013-02-03	1987-09-04	MALE
1007	Anil Jha	2014-01-17	1984-10-19	MALE
1004	Manila Sahai	2012-12-09	1986-11-14	FEMALE

- b) Insert 5 rows in the table with the values as shown above. 2
 - c) Display the Names of all female workers.
 - d) Display wno and name of those workers who are born between '1987-01-01' and '1991-12-01'
 - e) Display the names of all male workers who have joined after '1986-01-01'.
 - f) Display the name and date of birth of the workers whose name starts with 'A'.
 - g) Display all details of the workers in the descending order of DOB.
 - h) Display names and DOJ of male workers.
 - i) Display wno and name of those workers who has a substring 'nil' in their name.
 - j) Display the minimum DOJ from the worker table.
 - k) Change the date of birth of the worker with wno 1004 to '1986 -10 -14'.
 - l) Delete all rows of the table worker. 10

- IV.**
1. What do you mean by a tuple? 1
 2. Define candidate key. 1
 3. What is DML? 1
 4. Mention about any two data types used in MySQL. 1
 5. What is unique constraint? 1

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|--|---|
| 6. What is a record with respect to a database? | 1 |
| 7. Explain any two mathematical functions used in MySQL. | 2 |
| 8. What is a database? | 2 |

End of the Question Paper