INDIAN SCHOOL MUSCAT
FIRST TERM EXAMINATION

INFORMATICS PRACTICES

.CLASS: XI   Sub. Code: 065   Time Allotted: 3 Hrs

18.09.2017   Max. Marks: 70

General Instructions:
1. All the Questions are compulsory
2. Answer the questions after reading the text

SECTION – A (JAVA)

1.	(a)	Define EVENT.	1
	(b)	How jTextField is different from jLabel.? Explain with an example.	2+2=4
	(c)	Write the full form of 1. IDE 2.GUI	2
	(d)	Define Method. Explain any one method.	2
	(e)	Write a Java code to display your name , class and section on the respective text field named as jTextField1, jTextField2, jTextField3.	1+1+1
	(f)	Ms. Manisha is designing a frame in Netbeans in which she has used four Radio Button controls. She want that only one radio button out of four should be selected at a time. Which property of the Radio Button should be selected to 1 achieve the same?	2
	(g)	Ms. Meena is not able to understand the statement "Java is a case sensitive language". Help her in understanding the above mentioned statement by giving suitable example.	2
	(h)	What is the use of jTextArea in Netbeans. Explain any one method.	2
	(i)	How Check Box is different from Radion Button? Explain.	2
	(j)	Write a java code to clear the contents of the following text fields named as jTextFiel7 and jTextfield9.	1+1
	(k)	How setText( ) is different from getText( )? Explain.	2
	(l)	What is the use of RAD tool?	1

SECTION – B (MySql)

1. (a) How Single row functions are different from Multi Row functions? Give an example of each.   2

(b) Find the out put of the following: 2
1. Select length("Indian","Cricket");
2. Select Substr("MasterMind",7,4);
3. Select mod(25,3);
4. Select dayofmonth(now( ));

(c) What is the difference between DDL and DML? Explain with an example.   2

(d) How Alter command is different from update command in MySql? Explain with an example.   2

(e) Define Tuple and Degree.   2

(f) Explain Primary Key and Unique Key.   2

(g) Mr. Yash is confused about the following commands please explain the following select query: 2

     1. Select count(*) from emp;
     2. Select count(sal) from emp;   Explain.

(h) Write a Command to create the following table named as " STUD124"

Field Name	Data Type	Size	Constrain
Rollno	Int	5	Primary Key
Name	Char	20	Not Null
Class_Sec	Varchar	5	
Avg_Mark	Decimal	5,2	

    2

(i) What is the difference between Commit and Rollback?   2

(j) Explain the following functions with an example.   4x1=4
1. DayofWeek( )
2. Trim( )
3. Round( )
4. Now( )

(k) What is the use of ORDER BY clause in Mysql? Explain.   1

(l) Define Transaction. Write the full form of TCL.   1

(m) Consider the following "EMPLOYEE151" table. Write the SQL queries and output:

Empno	Name	Job	Gender	Salary	Deptno
214	Rhea	CEO	F	95000	10
745	Ranjith	Manager	M	85000	20
234	Paul	Manager	M	56000	10
124	Manish	Clerk	M	23500	
143	Leon	Clerk	M	45000	20
265	Karan	President	M	90000	40
413	Anitha	Clerk	F	54000	30

    a. To display all the employee names and their salary who are all CEO.   1

    b. Change the salary of all the employees by 15% those who are all in department   1
       number 40.

    c. To display how many employees are there in department 30.   1

    d. To display all the Employee details whose Salary is in between 40000 and 70000.   1

    e. Delete all the records whose salary is greater than 20000.   1

    f. Write a Query to display all the employee names, salary whose name starts with   1
       character 'A'.   1

    g. Display the details of all the employees who are all not allotted for any department.   1

    Find the output

    h. Select name, salary from employee151 where deptno=30;   1

    i. Select length(name)+2 from employee151 where job="Clerk";   1

(n) Find the error and rewrite the following query.
                                                       1
       Delete Employee name from emp;

(o)   The Item_No and Cost columns of a table 'ITEM' are given below:

Item _No	Cost
101	5000
102	NULL
103	5000
104	6000
105	4000

1+1=2

based on this information, find the output of the following queries:

(i) SELECT Max(COST) FROM ITEM;

(ii) SELECT COST+100 FROM ITEM WHERE ITEM_NO >= 103;

SECTION – C (IT Application)

(a)   Define E-Governance and write any two E-Governance web site names.   2

(b)   Write any four social impacts of E-Business.   2

(c)   What is ICT? Write any one impact of ICT on society.   2

(d)   What do you mean by Infomania?   2

(e)   Define Front-End and Back-End.   2

End of the Question Paper