B

INDIAN SCHOOL MUSCAT
SECOND PERIODIC TEST

INFORMATICS PRACTICES

CLASS: XI   Sub. Code: 265   Time Allotted: 50 mts

08.01.2019   Max. Marks: 20

GENERAL INSTRUCTIONS:

1. Answer all questions.
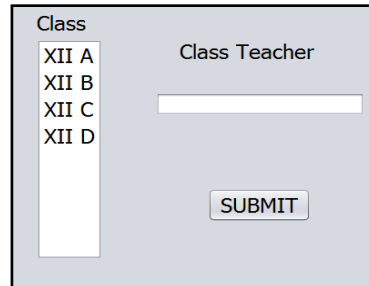2. Answer all subdivisions of a question in order.

1.

(a) Ms. Sheethal has developed a Java application through which the students of her school can view their marks by entering their admission number. The marks are displayed in various text fields. What Java code should she give so that the text fields are disabled ?   **2**

(b) Rewrite the following code using do..while loop
```
Nm = 1;
T=0;
while (Nm < 20)
{
    T = T + Nm;
    Nm = Nm + 2;
}
```

(c) Write Java code to display even numbers between 1 to 30 using for loop.

(d) Write Java code to accept the number of lines n using input dialog box and generate the following pattern
```
$
$$
$$$
```

(e) Write the value of C after executing the following code :   **2**

```
int P;
int R=8;
int oddNum;
int C=0;
for (P=1; P<R; P=P+3)  {
    oddNum = P%2;
    if (oddNum == 1)  {
        C = C + 1;   }  }
```

(f) Define a GUI application to create a list Class Name with the following values **4**

Class Name
XI A
XI B
XI C

The frame is designed as given below

Write Java code to print the names of the class teacher according to the class selected in a text field (jTextField1) on clicking FIND button based on the following information. Use if statement. Display the message "Select any one class" if no class is selected in the list.

Class Name	Class Teacher
XI A	Mrs. Pooja Mehra
XI B	Mrs. Sanghavi Arora
XI C	Mr. Rajesh Oberoi

(g) What do you mean by nested loops ? **1**

2. Given the following table EMPLOYEE

EmpNo	Name	Job	Gender	Salary
1004	Aaron	Manager	Male	23500
1026	Karan	Clerk	Male	45000
1010	Akansha	Manager	Female	56000

Write SQL commands for questions (a) to (e) based on the above table.

(a) Add a new row with the following details
EmpNo=2100   Name = "George" Job = "Salesman"   Gender = "Male"   Salary = 37800 **1**

(b) Change the datatype of Salary to Numeric(8,2). **1**

(c) Increase the salary of Managers by 10% **1**

(d) Remove the details of employees whose name starts with 'A' **1**

(e) Create the structure of the above table. Define EmpNo field not to have NULL values. **1**

End of the Question Paper