Roll Number		

A

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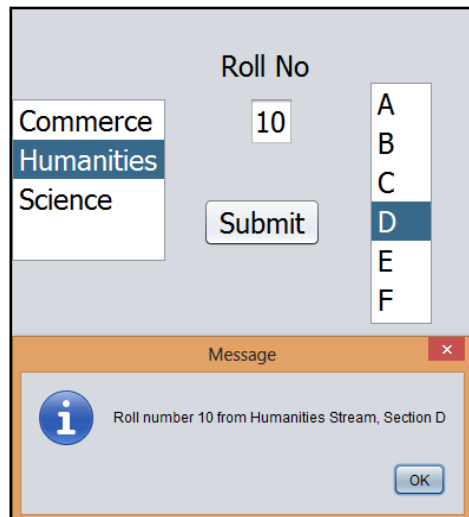2. Answer all subdivisions of a question in order.

1.

(a) Distinguish between list and combo box. (Any one point)   **1**

(b) Mr. Shriram has developed a Java application through which the students of his school can view their marks by entering their admission number. The marks are displayed in various text fields. What Java code should he give so that the students are able to view, but not change their marks in text fields?   **2**

(c) Write the value that will be stored in the variable t after the execution of the following code. How many times will the loop execute ?   **2**

```
int sum=0;
int score=0;
double t;
 do
{
      score = score + 1;
      sum = sum + score;
}
while (score<=4);
t = sum / 3;
```

(d) Rewrite the following code using for loop   **2**

```
Nm = 1;
while (Nm < 20)   {
    T = T + Nm;
    Nm = Nm + 2;  }
```

(e) Write Java code to display the numbers from 1 to 100 using while loop.   **2**

(f) Write Java code to accept the number of lines n using input dialog box and generate the following pattern   **2**

```
1
12
123
```

(g) Design a GUI application that displays the details of volunteers for a community work **4**
project in your school.
The screenshot is given below for your reference

- The user types his / her rollno and selects his / her stream and section.
- Upon submitting, the selected contents of the two lists and Rollno should be displayed in a dialog box in the following way

Roll number <rollno> from <stream name> Stream, Section <section name>

2. Given the following table WORKER

W_ID	NAME	HRS	RATE
1021	Srikkanth	60	300
2189	Maanas	52	250
891	Yusuf	47	275

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

(a) Create the structure of the above table with W_ID as Primary key. **1**

(b) Remove the details of the worker whose name ends with 's' **1**

(c) Increase the rate by ₹10 for all workers. **1**

(d) Add a new field Bonus with data type numeric(7,2) in the above table. **1**

(e) Add a new row with the following values **1**
W_ID = 2001, NAME = Francis, RATE = 325

End of the Question Paper