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INDIAN SCHOOL MUSCAT SECOND PERIODIC TEST

INFORMATICS PRACTICES

CLASS: XII

Sub. Code: 065

Time Allotted: 50mts

13.09.2018

Max. Marks: 20

GENERAL INSTRUCTIONS:

1. All the Questions are compulsory
2. Read the Question Carefully before writing the answer.

1. Write a JAVA code to generate the following series 2
0,1,1,2,3..... n terms (use for loop)

2. Find the value of X and i after executing the following code: 2

```
int X;
int i;
for(i=10;i<=15;i++)
{
    X=i++;
    -- X;
}
```

3. Write a JAVA code to accept any number from the user and check the number is Armstrong or Not. **(use do..while)** 2

4. Convert the following from for loop to **do...while** loop. 2

```
int a=24;
int b=35;
int i;
for(i=a;i<=b;i+=1)
{
    jTextArea1.append(" "+i+"\n");
}
```

5. How jTextField is different from jLabel? Explain with an example. 1

6. What is the use of Exit Level Loop? Explain. 1

7. How If statement is different from Switch... Case? Explain with an example. 2

8. Find the output of the following: 2
- ```
int y=70;
int n=150;
if(y<n)
jTextField1.setText(""+(n-20));
else
jTextField1.setText(""+(y+20));
```
9. Define "Fall through" . Explain with an example. 2
10. Convert the following code from switch case to If statement. 2
- ```
char ch;
switch (ch)
{
case 'a':
System.out.println("It is a.");
break;
case 'b':
System.out.println("It is b.");
case 'c':
System.out.println("It is c.");
break;
case 'd':
System.out.println("It is d.");
break;
default:
System.out.println("Not a ,b,c ,and d.");
}
```
11. How getText() is different from setText()? Explain with an example. 1
12. What is the use of charAt()?Explain. 1

End of the Question Paper