

INTERNATIONAL INDIAN SCHOOL, RIYADH

XI – XII BOYS SECTION

INFORMATICS PRACTICES WORKSHEET

3RD CHAPTER JAVA GUI PROGRAMMING

REVISION TOUR - I

Grade- XII

1. Samhita 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 should she do so that the students are able to view but not change their marks in text fields?
2. Write a java statement to accomplish each of the following tasks?
 - i) Declare variable “sum” and “a” to be of type int.
 - ii) Assign 1 to variable “a”
 - iii) Add variable ‘a’ to variable “sum“ and assign the result to variable “sum”.
 - iv) Print “ The sum is” followed by the value of variable sum in a JLabel control.
3. Find the output of the following code:
 - a)

```
Public static void main(String[] args)
{
int j=1,i=2;
do{
j*=i;}
while(++i<5);
System.out.println(j);
}
```
4. While working in Netbeans surag included a listbox in the form. Now he wants the list of his friends names to be displayed in it. Which property of Listbox control should he use to do this?
5. Rewrite the following program code using Switch statement:
if(ch=='a')

```

        Dayname="Sunday";
else if(ch=='b')
        Dayname="Monday";
else if(ch=='c')
        Dayname="Tuesday";
else if(ch=='d')
        Dayname="Wednesday";
else if(ch=='f')
        Dayname="Thursday";
else if(ch=='g')
        Dayname="Friday";
else if(ch=='h')
        Dayname="Saturday";
else
        jTextField2.setText("Not in the list");

```

6. What will be the output after executing the following code?

```

int p,q=10;
for(p=10; p<=12;p++)
q+=p;
jOptionPane.showMessageDialog(this, "The q value is"+q);

```

7. What will be displayed in JText Area after executing the following statement?
jTextArea. setText ("INDIA\nINCREDIABLE\tINDIA");
8. What will be displayed in jTextField1 after executing the following code?

```

int m = 16;
m = m + 1;
if (m < 15 )
jTextField.setText ( Integer.toString(m) );
else
jTextField.setText ( Integer.toString( m + 15 ) );

```

9. Rewrite the following program code using for loop
- ```

int i = 1, sum = 0;
while(i<10)
{ sum +=i;

```

```
i +=2
}
```

10. The following code has some error(s). rewrite the correct code underlining all the corrections made;

```
int i=1;j=5;
i= j+5;
if(i=j)
{ jTextField1.getText("i and j are unequal");
jTextField1.set("i and j are equal")'break;
}
Else
 jTextField1.setText("i and j are equal')
```

11. While working in netbeans , MS Nidhi wants to display 'Welcome' or 'Sorry' message depending on the person category entered in jTextField. Help her to choose more appropriate statement out of 'if statement' and 'switch statement'.

12. How one can make a TextField uneditable on a frame?

13. Write a java code that takes the price of a pen from jTextField1 and quantity of pen from jTextField2 and calculates total amount as price \* quantity to be displayed in jTextField3 and also find 10% tax amount to be displayed in jTextField4

14. What will be displayed in jTextField1 after executing the following statement:  
jTextField1.setText ("India\t is my\n motherland");

15. The following code has some errors. Rewrite the correct code underlining all the correction made.

```
Int x=3; total 0; // declaring x and total as integer
{
 total=x;
x+=3;
}
while (x=<10)
jTextField1 (Integer . toString (total));
```

16. Given a string object namely 'sum',having value as '224' stored in it. What will be the result of the following?

```
joptionpane.showMessageDialog (null, "" + (sum. length () + Integer.parseInt
(sum)));
```

17. What will be the contents of jTextField1 and jTextField2 after executing the

following code?

```
String S = "Sun Microsystem";
jTextField1.setText (s.length () + " ");
jTextField2.setText (s.toLowerCase ());
```