

INTERNATIONAL INDIAN SCHOOL, RIYADH

XI – XII BOYS SECTION

INFORMATICS PRACTICES WORKSHEET

4TH CHAPTER JAVA GUI PROGRAMMING

REVISION TOUR - II

Grade- XII

1. Given a String object namely 'subject', having value as "123" stored in it. What will be the result of the following?
`JOptionPane.showMessageDialog(null,"" + (subject.length()+Integer.parseInt(subject)));`
2. Identify the error if any and rewrite the code:
 - i) `double num =t2.getText();`
 - ii) `num=50*+r;`
3. What will be the value of variables 'm' and 'n' after execution of the following code?
`int m, n=0;
for (m=1; m=4; m++){
n+=m; n- -;
}`
4. The salary of an employee is stored in a string variable strsalary now, it is required to store the salary value in Double type variable Doubsalary. Write a Java statement to do the same
5. Write a Java program that accepts three float type marks and find out the total and display in the TextField.
6. What is the purpose of BREAK statement in a loop?
7. What will be the content of Str1 and Str2 after the following code is executed?
`String Str1,Str2;`

```
Str1="Friend";
Str2="Hello";
Str1=str2.concat(str1);
```

8. Distinguish between '/' and '%' operators.
9. 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')
```

10. Rewrite the following program code using for loop

```
int i = 1, sum = 0;
while(i<10)
{ sum +=i;
i +=2
}
```

11. 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 ) );
```

12. What will be the output of the following program code:

```
int i, j, k, x = 0;
for(i = 0; i < 5; ++i)
    for(j = 0; j < i; ++j)
    {
        k = (i + j - 1);
        if ( k % 2 == 0)
            x += k;
        else
            If (k % 3 == 0)
                x += k - 2;
```

```
System.out.println(x);  
    }
```

13. Write a java code that takes the price of pencil from jTextField1 and quantity of pencils from jTextField2 and calculate total amount as price * quantity to be displayed in jTextField3 and also 10% tax amount to be displayed in jTextField4
14. The following code has error(s) . Rewrite the correct code underlining all the corrections made.

```
int I , j=5;  
    I == j+5  
if ( i=j)  
{  
    jTextField1.setText("i and j are unequal");  
    jTextField2.setText("They are not equal");  
break; }
```

15. What will be the output of the following code segment?

```
int p;  
    p=20/2 * 5;  
system.out.println("p=" + p );
```

16. What will be displayed in jTextField1 after executing the following code:

```
int A=10;  
A=A-1;  
    if (A<9)  
jTextField1.setText (Integer.toString (A+10));  
else  
jTextField1.setText (Integer.toString (A+20));
```

17. Rewrite the following program code using a switch statement

```
    if (a= =1)  
color ="Red";  
else if (a= =2)  
color = "Yellow";
```

```
else if ( a= =3)
color = "Green";
else if ( a = = 4)
color = "Pink";
else
color = "White";
```

18. Write a java code that takes the price of pencil from jTextField1 and quantity of pencils from jTextField2 and calculate total amount as price * quantity to be displayed in jTextField3 and also 10% tax amount to be displayed in jTextField4

19. The following code has error(s) . Rewrite the correct code underlining all the corrections made.

```
int total=0,jump=5;
int i;
for( i=0; i<=5; i++)
{
jump+=5;
total +=jump;
}
jTextArea1.showText(""+total);
```

What will be the output of the following code segment?

```
int p;
p=20/2 * 5;
System.out.println("p=" + p );
```