

Worksheet-10.5.24

Class-X

1. Choose the correct option:-

i. It is compulsory to return a value from a function-

(a) True (b) False (c) True if it is a pure function (d) True if it is an impure function

ii. A function in java is by default

(a) Private (b) Public (c) Protected (d) None

iii. The function that modifies its parameters is called a

(a) Virtual function (b) Pure function (c) Impure function (d) None

iv. Given the code:

```
int Change(int p,int q)
```

```
{p=p*q;
```

```
return p;}
```

The statement to call the above function will be

(a) Change(10,20) (b) r=Change(10,20) (c) Change(9.5,6.7) (d) None

v. Which element is represented by a[10]?

1. 10th 2. 9th 3. 11th 4. None

2. Find the output:-

```
int a[] = {2,4,6,8,10};
```

```
a[0] = 23;
```

```
a[3] = a[1];
```

```
int c = a[0] + a[1];
```

```
System.out.println("Sum = "+c);
```

3. Wap to do the following function Overloading:-

void pattern(int h , char c)- if h=4 and c="*" then the pattern will be

```
a**d
```

```
a*c
```

```
a*
```

```
a
```

void pattern()- to display the following pattern

```
1
```

```
2 3
```

```
4 5 6
```

```
7 8 9 10
```

4. WAP to accept following salary and employee names into two different arrays. Check and print whether the employee who got salary Rs 25000. If this salary is not present in the array then display "no such Employee is present there".

```
int sal []={40000,35000,30000,25000,20000}
```

```
String em []={"Akash", "Raju", "Ganesh", "Madhu", "Priti"}
```

Do it by using binary search technique.