

Worksheet

2

Name:

Roll No: Class: Section:

Date:

CONDITIONAL CONSTRUCT IN JAVA

Chapter-8

1. What is the output of the Java code snippet?

- (a)

```
class abc
{
    public static void main()
    {
        int var1=5;
        int var2=6;
        if((var2=1)==var1)
            System.out.println(var2);
        else
            System.out.print(++var2);
    }
}
```
- (b)

```
class IfExample
{
    public static void main(String s[])
    {
        if( 1 > 2 )
        {
            System.out.println(" 1 is greater than 2");
        }
    }
}
```
- (c)

```
public class LoopExample {
    public static void main(String[] args) {
        int i = 70;
        for(; i>60; ){
            System.out.print(" "+i);
            i--;
        }
    }
}
```

2. Answer the following questions:

- (a) Name the different ways to manage the flow of control in a program.
- (b) Mention one statement each to achieve:
- (i) Bi-directional flow of control
 - (ii) Multiple branching of control
- (c) Differentiate between if and switch statements.
- (d) Is it necessary to use the 'break' statement in a switch case statement? Explain.