

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## ITERATIVE CONSTRUCTS IN JAVA

### Chapter-9

#### 1. State whether the following statement is true or false.

- (a) A break is used to exit the loop. ....
- (b) A null loop is not called a delay loop. ....
- (c) The jump statements are break, continue and return. ....
- (d) Initialization is a process in which a variable is initialized that helps the loop to execute. ....
- (e) The <(operator) is used in conditions for testing while writing ascending program order. ....

#### 2. Give a one-word answer.

- (a) It is used to control the loop by sending the control to the next iteration.
- (b) This is also called a delay loop as they delay the execution of the program.
- (c) for(a=1;a<=10;a++)-> in for loop (a=1) is known as
- (d) This loop repeats the execution of statements an infinite number of times.

#### 3. Rewrite the following programs.

- (a) Using for loop:

```
int i=1;
int d=5;
do
{
d=d*2;
System.out.println(d);
i++;
}
```

- while (i<=5);

- (b) Using do while:

```
class Test
{
public static void main(String args[])
{
int x,c;
for (x=10,c=20;c>=10;c=c-2)
{
x++;
System.out.println(x);
}
}
}
```