

Name:

Roll No:

Class: Section:

Date:

LOOPS

Chapter-6

A. Answer the following questions:

1. Write the syntax of For loop and explain each part.
2. When should you use while loop, explain using an example?
3. What are Infinite loops?

B. Guess who am I?

1. I am an operator used to combine two expressions in a For loop.
2. I am a loop which executes at least once.
3. I am a statement used to change the normal flow of program execution and transfer the control to some other part of the program.

C. What will be the output of the following code?

```
Input is: 13344331
#include<iostream.h>
#include<conio.h>
void main()
{
    int i, n, r, sum = 0;
    clrscr();
    cout<<"Enter a Number:";
    cin>>n;
    for(int num = n; num > 0 ; num = num / 10)
    {
        r = num % 10;
        sum = sum * 10 + r;
    }
    if(sum == n) {
        cout<<n<<" is a Palindrome Number";
    }
    else {
        cout<<n<<" is a not Palindrome Number";
    }
    getch();
}
```