

Name:

Roll No:

Class: Section:

Date:

LOOPS

Chapter-6

A. Write 'T' for true and 'F' for false.

1. There are three jump statements in C++.
2. The loop that never ends is called infinite loop.
3. Continue statement is used to skip the current iteration of the loop.

B. Write the output of the following program:

```
Input given is 6
#include<iostream.h>
#include<conio.h>
void main()
{
    int i;
    float num;
    double fact = 1;
    cout << "Enter a number: ";
    cin >> num;
    i = 1;
    while (i <= num)
    {
        fact = fact * i;
        i++;
    }
    cout<<"The factorial of "<< num<<" is "<<(double)fact;
    getch();
}
```

C. Write a program to:

1. Check whether the number is prime or not.
2. Print the following pattern:

```
*
*      *
*      *      *
*      *
*
```