

Week 05

Exercise 1:

What will be the output of the following output statement?

```
cout<<"C:\newfolder\letters\temporary.doc";
```

Exercise 3:

Give the output statement to output the following.

```
D:\teachers\newbatch\appointments.xls
```

Exercise 4:

Write answers for the following questions based on the C++ function given below.

```
int ans(int x, int y)
{
    int a=x * y;
    return a;
}
```

1. What is the name of the function?
2. What is the return type of the function?
3. How many parameters are there? What are they?
4. In the function, how many statements are there?
5. Rewrite the function to return the result of the expression directly instead of via the variable 'a'.

Exercise 5:

Write answers for the following questions based on the C++ function given below.

```
#include <iostream.h>
void main()
{
    int x,y,z;
    cout<<"Please enter an integer: "; cin>>x; //input statements usually have prompts
    cout<<"Please enter the second integer: "; cin>>y;
    z=x+y;
    z=z%5;
    cout<<"Answer is "<<z<<endl;
}
```

1. What is the name of the function?
2. What is the return type of the function? Explain.
3. Explain the statement `#include <iostream.h>`
4. How many statements are here, in the function?
5. How many variables declared here?
6. Comparing to the function given in Exercise 4, what is the specialty of this function?
7. Five operators are used here. List them with their names?
8. How many single-line comments have in the above program?
9. How many multi-line comments have in the above program?
10. Give a sample output of the above program.

Exercise 6:

Write a C++ programme to accept the length and width of a rectangle as input, and to output the area and circumference of the rectangle.