One marks

1. What is cascading?
   The process of combining two or more than two cin or cout statement in single cin or cout statement
2. What is other name for cout()?
   stream insertion
3. Write the input operator used in c++
   >>(stream extraction operator)
4. **What is the purpose of endl in c++?**
   To end a line
5. **What does cout stands for?**
   Console out
6. Why we use stream insertion operator<<
   To output stream
7. Give the other name for cin()
   stream extraction operator
8. **Give the syntax of input statement in c++**
   cin>>variable;
9. **What are manipulator**
   These are operator used to modify the output

Three marks

1. **Explain cascading input output operator in c++ with an example**
   You can also use the cin statement to read the more than one value input from the user by single statement instead of two statement as shown below
   cin>>a>>b;
   it is same as
   cin>>a;
   cin>>b;
   Similarly we can even output multiple results in a single cout statement using cascading of stream insertion operator as shown below
   cout <<"The product of "<<a<<"and"<<b<<"="<<a*b;
   It is same as
   cout<<"the product of";
   cout<<a;
   cout<<"and";
   cout<<b;
   cout<<"=";
   cout<<a*b;
2. **Write a c++ program to find sum of two numbers**

   #include<iostream.h>

    void main()

   {

   int a,b;

   cout<<"enter two numbers\n";

   cin>>a>>b;

```
cout<<"The sum= "<<a+b;

}
```

3. Write a c++ program to covert Fahrenheit to Celsius

```
#include<iostream.h>
#include<conio.h>
void main( )
{
float fah, cel;
clrscr( );
cout<<"Enter the value of Fahrenheit\N";
cin>>fah;
cel = ((5.0/9.0) * fah – 32.0);
cout<<fah<<"F = "<<cel<<" C"<<endl;
getch();
}
```

4. **What is cin() operator? Explain with suitable example**

The **cin()** can handle input function by overloading >> operator on the cin stream .This must be followed variable that will store the data that is going to read

Example

nt rno;

cin>>rno;

5. **What is the purpose of setw(). In c++ explain with example**
   setw used to specify the filed width in the stream to be printed. It is alternative statement for \t escape sequence
   In order to use this manipulator, it is must to include header file iomanip.h
   Example: cout<<a<<setw(3)<<b;

6. **Which header files used for manipulator? Name any two manipulator and its meaning**
   These are operators used along with insertion operator to manipulate or modify the output.
   To use this we have to use header file **iomanip.h**
   The commonly used manipulator are
    endl is used to end the line and is same as escape sequence \n
   setw used to specify the filed width in the stream to be printed

7. **Write a program to interchange the values of two variables using third variable.**

```
#include<iostream.h>
#include<conio.h>
void main( )
{
int a, b, temp;
clrscr( );
cout<<"Enter the two numbers";
cin>>a>>b;
cout<<"Before Interchanging : a = "<<a<<" and b = "<<b<<endl;
temp = a;
a = b;
b = temp;
cout<<"After Interchanging : a = "<<a<<" and b = "<<b<<endl;
getch();
}
```