National Institute of Open Schooling
Senior Secondary Course: Computer Science
Lesson 20: Pointer
Worksheet - 20

1. Write a program to print the address of a variable.

2. Write a program to find out the greatest and the smallest among three numbers using pointers.

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

   ```
   #include<iostream.h>

   int main()

   {

     int a=5,b=10,c=15;

     int *arr[ ]={&a,&b,&c};

     cout<<arr[1];

     return 0;

   }
   ```

4. What is the use of the pointer in C++?

5. What is this pointer? Why do we need this pointer?

6. If p is a pointer, what does p[-1] mean?

7. Write a C++ function to sort an array of five integer values in ascending order.

8. Write a C++ program to swap two values of the variables using pointer.

9. How can a data member and member function present in public mode in class be accessed through pointer object?

10. If a structure defined has a pointer variable, how can it access the members of the structure?