**OOPS Using C++**

**Assignment No. -1.**

Q-1. Write a statement that uses a conditional operator to set ticket to 1 if speed is greater than 55, and to 0 otherwise.  
  
Q-2.  An else always matches the \_\_\_\_\_\_\_\_\_ if, unless the if is \_\_\_\_\_\_\_\_\_.  
  
Q-3. Arrange in order of precedence (highest first) the following kinds of operators: logical, unary, arithmetic, assignment, relational, conditional.  
  
Q-4. Which feature allows open recursion, among the following?  
a) Use of this pointer  
b) Use of pointers  
c) Use of pass by value  
d) Use of parameterized constructor

Q-5. What does the following statement mean? Explain with small code?

void a;

Q-6. What will be the output of the following C++ code?

1. #include <iostream>
2. using namespace std;
3. int main ()
4. {
5. char str[] = "Steve jobs";
6. int val = 65;
7. char ch = 'A';
8. cout.width (5);
9. cout << right;
10. cout << val << endl;
11. return 0;
12. }

Q-7. What is the other name of compile-time polymorphism?

Q-8. What happens if the following line is executed in C and C++? Explain with small code?

const int a;

Q-9. What happens if the following program is executed in C and C++?

#include <stdio.h>

void func()

{

printf("Hello");

}

void main()

{

func();

func(2);

}

Q-10. What will be the output of the following program in both C and C++?

#include<stdio.h>

int main(int argc, char const \*argv[])

{

printf("%d**\n**", (int)sizeof('a'));

return 0;

}