Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Course Instructor:** Maryam Omar

Program:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Roll Num:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Object Oriented Programming**

**Quiz 3**

**Q1.** **What will be the output of following program?**

#include<iostream>

using namespace std;

class human{

protected:

int age;

string name;

public:

human(){

age=0;

name="No Name";

}

human(int age, string name){

this->age=age;

this->name=name;

}

void print(){

cout<<name<<" "<<age<<endl;

}

};

class student : public human{

private:

float gpa;

public:

student(int age,string name,float gpa):human(age,name){

this->gpa=gpa;

}

student():human(){

this->gpa=0.0;

}

void print(){

human::print();

cout<<gpa<<endl;

}

};

int main(){

human h,h1(10,"A");

h.print();

h1.print();

student s,s1(11,"B",3.14);

s.print();

s1.print();

}