**OOP Section (A) Quiz #1**

**Name: 6-Sep-2023**

**Roll No. :**

**[10 marks] (2+2+3+3)**

Q1. Write the output for the following program or find errors if any. No need to correct the errors just mention all the errors in the output box (if any)

#include <iostream>

using namespace std;

|  |  |
| --- | --- |
| int main(){  double a= 12.4;  double \*p = &a;  double b = 22.5;  double \*p2 = &b;  \*p = b;  if( p == p2 )  cout <<”equal”;  else  cout <<” not equal”;  return 0;  } | **Not equal (2 marks)** |
| int main(){  bool x = 0;  int y = 19;  char z = ‘s’;  int \*i= &y;  char \*c = &y;  void \*ptr = &z;  cout << \*ptr;  return 0;  } | **Error 1: char \*c = &y;**  **Type mismatch (1 mark)**  **Error2:**  **Cout << \*ptr;**  **Void cannot be dereferenced (1 mark)** |
| int main(){  char arr[] = “OOP is so easy”;  char\* ptr;  ptr = arr;  ptr = ptr+13;  cout <<\*ptr <<"\n";  cout<< \*(ptr-3)<<"\n";;  ptr--;  ptr+1;  cout << ptr<<"\n";  return 0;  } | **y (1 mark)**  **e (1 mark)**  **sy (1 mark)** |
| int main(){  const int arr[]= {1,2,3,4,5};  const int\* ptr = arr;  int sum = 0;  for (int i=0; i<2; i++)  {  sum+= \*ptr;  ptr++;  sum+= \*ptr;  ptr--;  }  cout << sum;  return 0;  } | **6 (3 marks)** |