**National University of Computer and Emerging Sciences**

Fast School of Computing Spring 2023

**CS-1004 OOP (CS - F) Quiz # 1- b [10 marks]**

Time = 15 minutes Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**For the Given codes, provide the output:**

| Code Snippets | Output |
| --- | --- |
| #include <iostream>  using namespace std;  int main()  {  int a = 10, \*pa, &ra;  pa = &a;  ra = a;  cout << "a=" << ra;  return 0;  } | Compiler Error |
| #include <iostream>  using namespace std;  int main()  {  int arr[] = { 4, 5, 6, 7 };  int\* p = (arr + 1);  cout << \*arr + 10;  return 0;  } | 14 |
| #include <iostream>  using namespace std;  int main()  {  int i;  char \*arr[] = {"C", "C++", "Java", "VBA"};  char \*(\*ptr)[4] = &arr;  cout << ++(\*ptr)[2];  return 0; } | ava |
| #include <iostream>  using namespace std;  int main()  {  int x=4, \*xx=&x, \*\*xxx=&xx;  cout << sizeof(x) << ", " << sizeof(xx) << ", " << sizeof (xxx) << ". ";  } | 4, 8, 8. |
| #include<iostream>  using namespace std;  int main()  {  int \*\*\*r, \*\*q, \*p, i=8;  p = &i;  (\*p)++;  q = &p;  (\*\*q)++;  r = &q;  cout<<\*p << " " << \*\*q << " "<<\*\*\*r;  return 0;  } | 10 10 10 |