**National University of Computer and Emerging Sciences**

Fast School of Computing Spring 2023

**CS-1004 OOP (CS - H) Quiz # 1- a [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 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 f(int x, int \*py, int \*\*ppz)  {  int y, z;  \*\*ppz += 1;  z = \*\*ppz;  \*py += 2;  y = \*py;  x += 3;  return x + y + z;  }  int main() {  int c, \*b, \*\*a;  c = 4;  b = &c;  a = &b;  cout << f(c, b, a);  return 0;  } | 19 |
| #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 a = 32, \*ptr = &a;  char ch = 'A', &cho = ch;  cho += a;  \*ptr += ch;  cout << a << ", " << ch << endl;  return 0;  } | 129, a |