



## National University of Computer and Emerging Sciences

Program: BS(SE)

Section: \_\_\_\_\_

Date: Dec 3, 2024,

Student Name: \_\_\_\_\_

Registration No. \_\_\_\_\_

Total Marks: 10 marks

Time Allowed: 10 minutes

Instructor: Bilal Khalid Dar

Student Signature: \_\_\_\_\_

### **Important Instructions for attempting Quiz**

#### ***READ ALL QUESTIONS AND INSTRUCTIONS CAREFULLY***

- Carrying of Mobile phone, digital dairies, digital watch, or any electronic device is not allowed.
- Use only Black/Blue color pen. Sharing of anything is forbidden
- **Write your answer in provided space. No answer will be marked outside given space**
- **CUTTING IS NOT ALLOWED.** All questions are self-explanatory and require no further explanations during exam time. Read all questions
- **RETURN the Quiz paper after completion.**

### **QUIZ 6 - A**

Write output of the following program

```
#include <iostream>
using namespace std;

void fun(int *a, int *b) {
    *a = *a + *b;
    *b = *a - *b;
    *a = *a - *b;
}

int main() {
    int x = 7, y = 14;
    fun(&x, &y);

    cout << x << " " << y << endl;
    return 0;
}
```

Output

14 7



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### **QUIZ 5 – B**

Write output of the following program

```
#include <iostream>
using namespace std;

int main() {
    int arr[] = {5, 10, 15, 20};
    int *p = arr + 1;

    *(p + 1) = *(p - 1) + *p;
    cout << arr[0] << " " << arr[2] << " " << *(p + 1) << endl;

    return 0;
}
```

Output

5 15 15