National University of Computer and Emerging Sciences

Program: BS(SE)	**Total Marks:** 15 marks
Section: B	**Time Allowed:** 15 minutes
Date: Sep 12, 2024,	**Instructor:** Bilal Khalid Dar
Student Name: _____	**Student Signature:**
Registration No. _____	_____

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 2 - a

Write the output of the following programs. Assume that all necessary libraries are included.

```int main()\n{\n int i = 5;\n std::cout << i++ + ++i - --i + i--;\n}```	**12** **4 marks**
```int main()\n{\n std::cout << 5 / 0.2;\n}```	**25** **3 marks**
```int main()\n{\n std::cout << 4 + 11/5 * (5 + 56)/45 * 5 + 10;\n}```	**24** **4 marks**
```int main()\n{\n std::cout << sizeof(double) << "," << ","<<\nsizeof(int) << ","<< sizeof(bool) << ","<<\nsizeof(char);\n}```	**8,4,1,1** **4 marks**

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QUIZ 2 – b

Write the output of the following programs. Assume that all necessary libraries are included.

``cpp
int main()
{
 std::cout << sizeof(bool) << "," <<
sizeof(float) << ","<< ","<<sizeof(double) <<
","<< sizeof(char);
}
``
	1,4,8,1
	
	4 marks

``cpp
int main()
{
    int x = 10;
    std::cout << x-- - ++x + --x + x++ - x--;
}
``
	8
	
	4 marks

``cpp
int main()
{
     std::cout << 5 + 11/5 * (5 + 56)/45 * 5 + 9;
}
``
	24
	
	4 marks

``cpp
int main()
{
 std::cout << 5 / 2.0;
}
``
	2.5
	
	3 marks