National University of Computer and Emerging Sciences

Program: BS(SE)	**Total Marks:** 15 marks
Section: A	**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

Fill in the following variable names are valid or invalid.

Variable	Valid / Invalid	Variable	Valid / Invalid
bool true;	**Invalid**	**char first_letter;**	**Valid**
float 123height;	**Invalid**	**int 2ndPlace;**	**Invalid**
float price_of_item;	**Valid**	**float my height;**	**Invalid**
int _counter;	**Valid**	**bool is_student;**	**Valid**
double total-amount;	**Invalid**	**char #symbol;**	**Invalid**

What is the output of following program: If there is not output, state the reason for your answer

	Output
```#include <iostream> using namespace std; int main() { const double PI = 3.14159; const double DIAMETER = 10.0; double circumference; circumference = PI * DIAMETER; DIAMETER = 10; cout << "The circumference is: " << circumference << endl; return 0; }```	**Syntax Error, constant value cannot be changed**

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QUIZ 2 - b

Fill in the following variable names are valid or invalid.

Variable	Valid / Invalid	Variable	Valid / Invalid
char float;	**Invalid**	**double salary;**	**Valid**
bool isValid;	**Valid**	**bool 3int;**	**Invalid**
float price_of_item;	**Valid**	**char #symbol;**	**Invalid**
double averageScore;	**Valid**	**float height;**	**Valid**
int @number;	**Invalid**	**float my height;**	**Invalid**

What is the output of following program: If there is not output, state the reason for your answer

	Output

```#include <iostream>```
 ```using namespace std;```
 ```int main(){```
     ```double hours; double rate; const double pay = 10;```
     ```cout << "How many hours did you work? ";```
     ```cin >> hours;```
     ```cout << "How much do you get paid per hour? ";```
     ```cin >> rate;```
     ```pay = hours * rate;```
     ```cout << "You have earned $" << pay << endl;```
     ```return 0;   }```
	Syntax Error, constant value cannot be changed