

**STEM 1401 Python Core I**  
**Quiz 241****NAME:****DATE:****SCORE:****MODULE: 2. FUNDAMENTAL****CHAPTER: 2-4 Python Variables**

1. What is a variable in Python programming?

- A) A reserved word that performs a specific function in the language.
- B) A named location in memory used to store data.
- C) A function that returns a fixed value.
- D) A syntax error that needs to be fixed.

2. Which statement about defining variables in Python is TRUE?

- A) We may define a variable by the keyword 'var'
- B) We may define a variable without any keyword
- C) We may define a variable by the keyword 'let'
- D) We may define a variable with the name of data type

3. Which Python statement is correctly defining a Python variable 'a' ?

- A) `int a = 9`
- B) `var a = 9;`
- C) `a = "a"`
- D) `a = a + 1`

4. Which statement about variables in Python is TRUE?

- A) The value of a variable can be changed during execution of a program, while the data type of the variable cannot be changed.
- B) The value of a variable can be changed during execution of a program, and the data type of the variable can be also changed.
- C) The value of a variable cannot be changed during execution of a program.
- D) The data type of a variable cannot be changed during execution of a program.

5. Choose the proper comment of the following code.

```
x, y = 3, 6
```

- A) It implies x is 6 and y is 3.
- B) It implies x is (3, 6) and y is (3, 6)
- C) The statement is incorrect because there is no way to define two variables in one statement.
- D) Two variables are defined and initialized in one statement.

6. Write the result of the following code.

```
print(x = y = z = 0)
```