

Programming in Python

A. Choose the correct option:

1. IDLE of Python has which mode/s?
 - (a) Command mode
 - (b) Script mode
 - (c) Both a and b
2. The purpose of Arithmetic operator `**` is-
 - (a) Add
 - (b) Divide
 - (c) Exponent
3. Which of the following comparison operators is true, if left operand is less than right?
 - (a) `>`
 - (b) `<`
 - (c) `=`
4. Which of the following data types have decimal value.
 - (a) Integer
 - (b) Float
 - (c) String
5. Name of a variable cannot begin with a-
 - (a) Number
 - (b) Letter
 - (c) Uppercase letter

B. Fill in the blanks:

1. A _____ is a container to store values.
2. Python programs can also text values called _____.
3. Logical operator _____ is true if any of the two conditions is true.
4. Arithmetic operator _____ is used to add two operands.
5. _____ mode provides a text editor to write a complete Python program called script.

C. State true or false:

1. Python IDLE has two modes- Command and Script.
2. Arithmetic operator `%` is used for floor division.
3. Comparison operator `!=` is true if operands are not equal.
4. Logical operator NOT reverses the given condition.
5. A string with no characters in it is called Blank String.

D. Answer the following questions:

1. What are the two different modes of Python IDLE?
2. Write a short note on Arithmetic operators.
3. Describe any three comparison operators.
4. Briefly describe AND, OR and NOT logical operators.
5. Write any three rules to name a variable.

