Python Programming in 2025

Test #01: Chapter 01 (Lesson 0 to 4)

Name: _____ (Date: August 4, 2025)

Time: 30 min **Total:** 15**, Obtained: _____**

1. Choose the correct option for each question: **(10 × 1 = 10 marks)**

1. Which one is a correct way to assign multiple variables in Python?
   a) `x, y = 3; 4`
   b) `x = y = 3, 4`
   c) `x, y = 3, 4`
   d) `x; y = 3 4`
2. After executing `x = input ("Enter number: ")`, which method ensures `x` becomes an integer safely?
   a) `int(x)`
   b) `str(x)`
   c) `float(x)`
   d) `eval(x)`
3. What is the output of the expression `type (3.0 + 1)`?
   a) `<class 'int'>`
   b) `<class 'float'>`
   c) `<class 'str'>`
   d) `<class 'complex'>`
4. What happens if you try to add an integer and a string directly in Python like `5 + "5"`?
   a) `10`
   b) `"55"`
   c) Error
   d) `None`
5. Which of these shows **explicit type casting**?
   a) `x = 4`
   b) `y = input()`
   c) `z = str(9.8)`
   d) `a = 2.5`
6. In Python, what does `input (">> ")` return when the user types: `42`?
   a) `int`
   b) `float`
   c) `str`
   d) `bool`

7. Which of the following variable names is **not** valid in Python?
   a) `_value1`
   b) `__age__`
   c) `pass`
   d) `value_99`
8. What is the output of: `print ("5" * 3)`?
   a) `15`
   b) `"555"`
   c) `"5 5 5"`
   d) Error
9. Which Python function can be used to get both the **type** and **value** of a variable `x = "23"`?
   a) `type(x), x`
   b) `print(x)`
   c) `typeof(x)`
   d) `info(x)`
10. What is the result of this code?

```
a = "2.0"
b = float (a)
print (b + 3)
```

   a) `5.0`
   b) `"2.03"`
   c) `TypeError`
   d) `2.0`

2. Write the exact output for the following code snippets: (2 × 2 = 4 marks)

1. Predict:

```
x = "7″
y = 2
print(y * x)
```

2. Predict:

```
n = input("Enter a value: ")
n = 5 + "5″
print(type(n), n)
```

3. Write code for the following questions: (2 × 1.5 = 3 marks)

1. Ask the user to input their name**,** class**, and** roll number
Display them as: ``Student [name] from Class [class] has roll number [roll].``

2. Take any input from user.
It should print 100 if number is positive, otherwise 0.
IMPORTANT: DO NOT USE IF-ELSE STATEMENT.