



## Unit – 01 : Python Programming

### 1. Who developed Python Programming Language ?

- a) Wick van Rossum
- b) Rasmus Lerdorf
- c) Guido van Rossum
- d) Niene Stom

Answer: c

### 2. Which type of Programming does Python support?

- a) object-oriented programming
- b) structured programming
- c) functional programming
- d) all of the mentioned

Answer: d

### 3. Is Python case sensitive when dealing with identifiers?

- a) no
- b) yes
- c) machine dependent
- d) none of the mentioned

Answer: a

### 4. Which of the following is the correct extension of the Python file?

- a) .python
- b) .pl
- c) .py
- d) .p

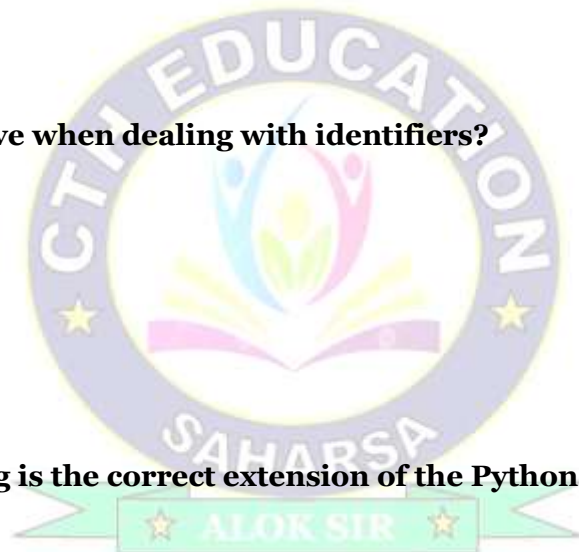
Answer: c

### 5. What will be the value of the following Python expression?

$4 + 3 \% 5$

- a) 7
- b) 2
- c) 4
- d) 1

Answer: a





**6. Which of the following is used to define a block of code in Python language?**

- a) Indentation
- b) Key
- c) Brackets
- d) All of the mentioned

Answer: a

**7. Which keyword is used for function in Python language?**

- a) Function
- b) Def
- c) Fun
- d) Define

Answer: b

**8. Which of the following character is used to give single-line comments in Python?**

- a) //
- b) #
- c) !
- d) /\*

Answer: b

**9. What is the order of precedence in python?**

- a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

Answer: d

**10. What does pip stand for python?**

- a) unlimited length
- b) all private members must have leading and trailing underscores
- c) Preferred Installer Program
- d) none of the mentioned

Answer: c



**11. Which of the following is true for variable names in Python?**

- a) underscore and ampersand are the only two special characters allowed
- b) unlimited length
- c) all private members must have leading and trailing underscores
- d) none of the mentioned

Answer: b

**12. What are the values of the following Python expressions?**

$2^{**}(3^{**}2)$

$(2^{**}3)^{**}2$

$2^{**}3^{**}2$

- a) 512, 64, 512
- b) 512, 512, 512
- c) 64, 512, 64
- d) 64, 64, 64

Answer: a

**13. Which of the following is the truncation division operator in Python?**

- a) |
- b) //
- c) /
- d) %

Answer: b

**14. Which of the following is the use of id() function in python?**

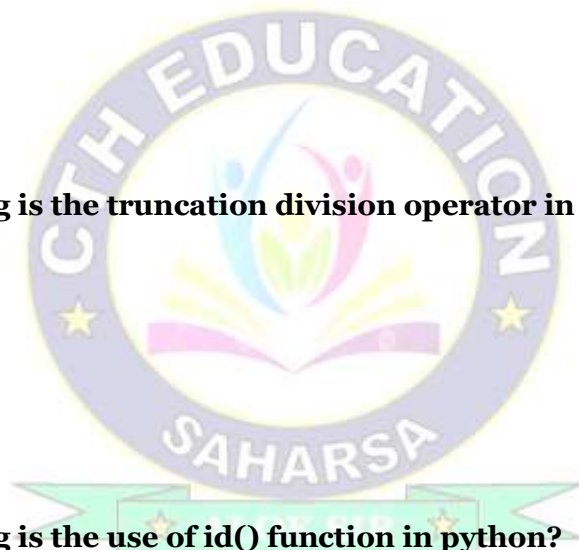
- a) Every object doesn't have a unique id
- b) Id returns the identity of the object
- c) All of the mentioned
- d) None of the mentioned

Answer: b

**15. Which of the following is not a core data type in Python programming?**

- a) Tuples
- b) Lists
- c) Class
- d) Dictionary

Answer: c





**16. Which of the following statements is used to create an empty set in Python?**

- a) ( )
- b) [ ]
- c) { }
- d) set()

**Answer:** d

**17. Find the invalid variable among the following:**

- a. 1st\_string
- b. my\_string\_1
- c. \_
- d. foo

**Answer:** (a) 1st\_string

**18. The value of the Python expression given below would be:**

$$4+2**5//10$$

- a. 77
- b. 0
- c. 3
- d. 7

**Answer:** (d) 7

**19. The return value for trunc() would be:**

- a. bool
- b. float
- c. int
- d. None

**Answer:** (c) int

**20. The output of this Python code would be:**

```
s='{0}, {1}, and {2}'  
s.format('hi', 'great', 'day')
```

- a. 'hi, great, and day'
- b. 'hi great and day'
- c. 'hi, great, day'
- d. Error

**Answer:** (a) 'hi, great, and day'

