**Python MCQs.**

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1. Which is the correct operator for power(xy)?  
a) X^y  
b) X\*\*y  
c) X^^y  
d) None of the mentioned

2. Which one of these is floor division?  
a) /  
b) //  
c) %  
d) None of the mentioned

3. What is the order of precedence in python?  
i) Parentheses  
ii) Exponential  
iii) Multiplication  
iv) Division  
v) Addition  
vi) Subtraction  
a) i,ii,iii,iv,v,vi  
b) ii,i,iii,iv,v,vi  
c) ii,i,iv,iii,v,vi  
d) i,ii,iii,iv,vi,v

4. What is the answer to this expression, 22 % 3 is?  
a) 7  
b) 1  
c) 0  
d) 5

5. Mathematical operations can be performed on a string.  
a) True  
b) False

6. Operators with the same precedence are evaluated in which manner?  
a) Left to Right  
b) Right to Left  
c) Can’t say  
d) None of the mentioned

7. What is the output of this expression, 3\*1\*\*3?  
a) 27  
b) 9  
c) 3  
d) 1

8. Which one of the following has the same precedence level?  
a) Addition and Subtraction  
b) Multiplication, Division and Addition  
c) Multiplication, Division, Addition and Subtraction  
d) Addition and Multiplication

9. The expression Int(x) implies that the variable x is converted to integer.  
a) True  
b) False

10. Which one of the following has the highest precedence in the expression?  
a) Exponential  
b) Addition  
c) Multiplication  
d) Parentheses

1. Is Python case sensitive when dealing with identifiers?  
a) yes  
b) no  
c) machine dependent  
d) none of the mentioned

2. What is the maximum possible length of an identifier?  
a) 31 characters  
b) 63 characters  
c) 79 characters  
d) none of the mentioned

3. Which of the following is invalid?  
a) \_a = 1  
b) \_\_a = 1  
c) \_\_str\_\_ = 1  
d) none of the mentioned

4. Which of the following is an invalid variable?  
a) my\_string\_1  
b) 1st\_string  
c) foo  
d) \_

5. Why are local variable names beginning with an underscore discouraged?  
a) they are used to indicate a private variables of a class  
b) they confuse the interpreter  
c) they are used to indicate global variables  
d) they slow down execution

6. Which of the following is not a keyword?  
a) eval  
b) assert  
c) nonlocal  
d) pass

7. All keywords in Python are in \_\_\_\_\_\_\_\_\_  
a) lower case  
b) UPPER CASE  
c) Capitalized  
d) None of the mentioned

8. Which of the following is true for variable names in Python?  
a) unlimited length  
b) all private members must have leading and trailing underscores  
c) underscore and ampersand are the only two special characters allowed  
d) none of the mentioned

9. Which of the following is an invalid statement?  
a) abc = 1,000,000  
b) a b c = 1000 2000 3000  
c) a,b,c = 1000, 2000, 3000  
d) a\_b\_c = 1,000,000

10. Which of the following cannot be a variable?  
a) \_\_init\_\_  
b) in  
c) it  
d) on

1. Which of these in not a core data type?  
a) Lists  
b) Dictionary  
c) Tuples  
d) Class

2. Given a function that does not return any value, What value is thrown by default when executed in shell.  
a) int  
b) bool  
c) void  
d) None

3. What will be the output of the following Python code?

1. >>>str="hello"
2. >>>str[:2]
3. >>>

a) he  
b) lo  
c) olleh  
d) hello

4. Which of the following will run without errors?  
a) round(45.8)  
b) round(6352.898,2,5)  
c) round()  
d) round(7463.123,2,1)

5. What is the return type of function id?  
a) int  
b) float  
c) bool  
d) dict

6. In python we do not specify types, it is directly interpreted by the compiler, so consider the following operation to be performed.

1. >>>x = 13 ? 2

objective is to make sure x has a integer value, select all that apply (python 3.xx)  
a) x = 13 // 2  
b) x = int(13 / 2)  
c) x = 13 % 2  
d) All of the mentioned

7. What error occurs when you execute the following Python code snippet?

apple = mango

a) SyntaxError  
b) NameError  
c) ValueError  
d) TypeError

8. What will be the output of the following Python code snippet?

1. def example(a):
2. a = a + '2'
3. a = a\*2
4. return a
5. >>>example("hello")

a) indentation Error  
b) cannot perform mathematical operation on strings  
c) hello2  
d) hello2hello2

9. What data type is the object below?

L = [1, 23, 'hello', 1]

a) list  
b) dictionary  
c) array  
d) tuple

10. In order to store values in terms of key and value we use what core data type.  
a) list  
b) tuple  
c) class  
d) dictionary

11. Which of the following results in a SyntaxError?  
a) ‘ ”Once upon a time…”, she said.’  
b) “He said, ‘Yes!' ”  
c) ‘3\’  
d) ” ’That’s okay” ’

12. The following is displayed by a print function call. Select all of the function calls that result in this output.

1. tom
2. dick
3. harry

a)

print(' ' 'tom

\ndick

\nharry' ' ')

b) print(”’tomdickharry”’)  
c) print(‘tom\ndick\nharry’)  
d)

print('tom

dick

harry')

13. What is the average value of the following Python code snippet?

1. >>>grade1 = 80
2. >>>grade2 = 90
3. >>>average = (grade1 + grade2) / 2

a) 85.0  
b) 85.1  
c) 95.0  
d) 95.1

14. Select all options that print.

hello-how-are-you

a) print(‘hello’, ‘how’, ‘are’, ‘you’)  
b) print(‘hello’, ‘how’, ‘are’, ‘you’ + ‘-‘ \* 4)  
c) print(‘hello-‘ + ‘how-are-you’)  
d) print(‘hello’ + ‘-‘ + ‘how’ + ‘-‘ + ‘are’ + ‘you’)

15. What is the return value of trunc()?  
a) int  
b) bool  
c) float  
d) None