Python MCQs

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1st and 2nd Years

Set 3

1. 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

2. Which of the following is not a keyword?

a) eval

b) assert

c) nonlocal

d) pass

3. What will be the value of x in the following Python expression?

x = int(43.55+2/2)

a) 43

b) 44

c) 22

d) 23

4. What is the value of the following expression?

2+4.00, 2\*\*4.0

a) (6.0, 16.0)

b) (6.00, 16.00)

c) (6, 16)

d) (6.00, 16.0)

5. Which among the following list of operators has the highest precedence?

+, -, \*\*, %, /, <<, >>, |

a) <<, >>

b) \*\*

c) |

d) %

6. What will be the value of the following Python expression?

float(4+int(2.39)%2)

a) 5.0

b) 5

c) 4.0

d) 4

7. What does ~~~~~~5 evaluate to?

a) +5

b) -11

c) +11

d) -5

8. Which of the following is incorrect?

a) x = 0b101

b) x = 0x4f5

c) x = 19023

d) x = 03964

9. What is the return type of function id?

a) int

b) float

c) bool

d) dict

10. In python we do not specify types, it is directly interpreted by the compiler,

so consider the following operation to be performed.

>>>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

11. Any odd number on being AND-ed with \_\_\_\_\_\_\_\_ always gives 1. Hint: Any even number on being AND-ed with this value always gives 0.

a) 10

b) 2

c) 1

d) 0

12. What will be the value of the following Python expression?

bin(10-2)+bin(12^4)

a) 0b10000

b) 0b10001000

c) 0b1000b1000

d) 0b10000b1000

13. To find the decimal value of 1111, that is 15, we can use the function:

a) int(1111,10)

b) int(‘1111’,10)

c) int(1111,2)

d) int(‘1111’,2)

14. What will be the output of the following Python expression if x=15 and y=12?

x & y

a) b1101

b) 0b1101

c) 12

d) 1101

15. Mathematical operations can be performed on a string.

a) True

b) False

16. 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

17. The two snippets of the following Python codes are equivalent.

CODE 1

@f

def f1():

print(“Hello”)

CODE 2

def f1():

print(“Hello”)

f1 = f(f1)

a) True

b) False

18. What will be the output of the following Python function?

def f(p, q):

return p%q

f(0, 2)

f(2, 0)

a)

0

0

b)

Zero Division Error

Zero Division Error

c)

0

Zero Division Error

d)

Zero Division Error

19. The output of the two codes shown below is the same.

i. bin((2\*\*16)-1)

ii. '{}'.format(bin((2\*\*16)-1))

a) True

b) False

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

'{a}{b}{a}'.format(a='hello', b='world')

a) ‘hello world’

b) ‘hello’ ‘world’ ‘hello’

c) ‘helloworldhello’

d) ‘hello’ ‘hello’ ‘world’

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

x=3.3456789

'%-6.2f | %05.2f | %+06.1f' %(x, x, x)

a) ‘3.35 | 03.35 | +003.3’

b) ‘3.3456789 | 03.3456789 | +03.3456789’

c) Error

d) ‘3.34 | 03.34 | 03.34+’

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

x=3.3456789

'%s' %x, str(x)

a) Error

b) (‘3.3456789’, ‘3.3456789’)

c) (3.3456789, 3.3456789)

d) (‘3.3456789’, 3.3456789)

23. Which of the following formatting options can be used in order to add ‘n’ blank spaces after a given string ‘S’?

a) print(“-ns”%S)

b) print(“-ns”%S)

c) print(“%ns”%S)

d) print(“%-ns”%S)

24. What will be the output of the following Python expression if X = -122?

print("-%06d"%x)

a) -000122

b) 000122

c) –00122

d) -00122

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

not(3>4)

not(1&1)

a)

True

True

b)

True

False

c)

False

True

d)

False

False