Python MCQs

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1st and 2nd Years

Set 1

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. The value of the expressions 4/(3\*(2-1)) and 4/3\*(2-1) is the same.

a) True

b) False

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

4 + 3 % 5

a) 4

b) 7

c) 2

d) 0

5. What will be the output of the following Python expression?

print(4.00/(2.0+2.0))

a) Error

b) 1.0

c) 1.00

d) 1

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

X = 2+9\*((3\*12)-8)/10

a) 30.0

b) 30.8

c) 28.4

d) 27.2

7. What is the output of print 0.1 + 0.2 == 0.3?

a) True

b) False

c) Machine dependent

d) Error

8. Which of the following is not a complex number?

a) k = 2 + 3j

b) k = complex(2, 3)

c) k = 2 + 3l

d) k = 2 + 3J

9. Which of these in not a core data type?

a) Lists

b) Dictionary

c) Tuples

d) Class

10. 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

11. It is not possible for the two’s complement value to be equal to the original value in any case.

a) True

b) False

12. The one’s complement of 110010101 is:

a) 001101010

b) 110010101

c) 001101011

d) 110010100

13. What will be the output of the following Python code snippet if x=1?

x<<2

a) 8

b) 1

c) 2

d) 4

14. What will be the output of the following Python expression?

bin(29)

a) ‘0b10111’

b) ‘0b11101’

c) ‘0b11111’

d) ‘0b11011’

15. Which is the correct operator for power(xy)?

a) X^y

b) X\*\*y

c) X^^y

d) None of the mentioned

16. Which one of these is floor division?

a) /

b) //

c) %

d) None of the mentioned

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

def mk(x):

def mk1():

print("Decorated")

x()

return mk1

def mk2():

print("Ordinary")

p = mk(mk2)

p()

a)

Decorated

Decorated

b)

Ordinary

Ordinary

c)

Ordinary

Decorated

d)

Decorated

Ordinary

18. In the following Python code, which function is the decorator?

def mk(x):

def mk1():

print("Decorated")

x()

return mk1

def mk2():

print("Ordinary")

p = mk(mk2)

p()

a) p()

b) mk()

c) mk1()

d) mk2()

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

l=list('HELLO')

'first={0[0]}, third={0[2]}'.format(l)

a) ‘first=H, third=L’

b) ‘first=0, third=2’

c) Error

d) ‘first=0, third=L’

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

l=list('HELLO')

p=l[0], l[-1], l[1:3]

'a={0}, b={1}, c={2}'.format(\*p)

a) Error

b) “a=’H’, b=’O’, c=(E, L)”

c) “a=H, b=O, c=[‘E’, ‘L’]”

d) Junk value

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

'%d %s %g you' %(1, 'hello', 4.0)

a) Error

b) 1 hello you 4.0

c) 1 hello 4 you

d) 1 4 hello you

22. The output of which of the codes shown below will be: “There are 4 blue birds.”?

a) ‘There are %g %d birds.’ %4 %blue

b) ‘There are %d %s birds.’ %(4, blue)

c) ‘There are %s %d birds.’ %[4, blue]

d) ‘There are %d %s birds.’ 4, blue

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

X=”hi”

print(“05d”%X)

a) 00000hi

b) 000hi

c) hi000

d) error

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

X=”san-foundry”

print(“%56s”,X)

a) 56 blank spaces before san-foundry

b) 56 blank spaces before san and foundry

c) 56 blank spaces after san-foundry

d) no change

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

bool(‘False’)

bool()

a)

True

True

b)

False

True

c)

False

False

d)

True

False