Python MCQs

Spurthi 2k20

3rd and 4th Years

Set 1

1. What will be the output of the following Python code if the system date is 21st June, 2017 (Wednesday)?

[] or {}

{} or []

a)

[]

{}

b)

[]

[]

c)

{}

[]

d)

{}

{}

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

class Truth:

pass

x=Truth()

bool(x)

a) pass

b) true

c) false

d) error

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

'%s' %((1.23,),)

a) ‘(1.23,)’

b) 1.23,

c) (,1.23)

d) ‘1.23’

4. What will be the output of the following two codes?

i. '{0}'.format(4.56)

ii. '{0}'.format([4.56,])

a) ‘4.56’, ‘4.56,’

b) ‘4.56’, ‘[4.56]’

c) 4.56, [4.56,]

d) 4.56, [4.56,]

5. What is the return value of trunc()?

a) int

b) bool

c) float

d) None

6. Which is the most appropriate definition for recursion?

a) A function that calls itself

b) A function execution instance that calls another execution instance of the same function

c) A class method that calls another class method

d) An in-built method that is automatically called

7. Only problems that are recursively defined can be solved using recursion.

a) True

b) False

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

def f1():

x=15

print(x)

x=12

f1()

a) Error

b) 12

c) 15

d) 1512

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

def f1():

x=100

print(x)

x=+1

f1()

a) Error

b) 100

c) 101

d) 99

10. What will be the output of the following Python functions?

chr(‘97’)

chr(97)

a)

a

Error

b)

‘a’

a

c)

Error

a

d)

Error

Error

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

complex(1+2j)

a) Error

b) 1

c) 2j

d) 1+2j

12. What is a variable defined outside a function referred to as?

a) A static variable

b) A global variable

c) A local variable

d) An automatic variable

13. What is a variable defined inside a function referred to as?

a) A global variable

b) A volatile variable

c) A local variable

d) An automatic variable

14. Is the following Python code valid?

>>> a,b,c=1,2,3

>>> a,b,c

a) Yes, [1,2,3] is printed

b) No, invalid syntax

c) Yes, (1,2,3) is printed

d) 1 is printed

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

a = ('check',)

n = 2

for i in range(int(n)):

a = (a,)

print(a)

a) Error, tuples are immutable

b)

(('check',),)

((('check',),),)

c) ((‘check’,)’check’,)

d)

(('check',)’check’,)

((('check',)’check’,)’check’,)

16. Which of the following functions will return the symmetric difference between two sets, x and y?

a) x | y

b) x ^ y

c) x & y

d) x – y

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

z=set('abc$de')

'a' in z

a) True

b) False

c) No output

d) Error

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

s1={3, 4}

s2={1, 2}

s3=set()

i=0

j=0

for i in s1:

for j in s2:

s3.add((i,j))

i+=1

j+=1

print(s3)

a) {(3, 4), (1, 2)}

b) Error

c) {(4, 2), (3, 1), (4, 1), (5, 2)}

d) {(3, 1), (4, 2)}

19. The \_\_\_\_\_\_\_\_\_\_\_\_ function removes the first element of a set and the last element of a list.

a) remove

b) pop

c) discard

d) dispose

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

for i in range(10):

if i == 5:

break

else:

print(i)

else:

print("Here")

a) 0 1 2 3 4 Here

b) 0 1 2 3 4 5 Here

c) 0 1 2 3 4

d) 1 2 3 4 5

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

for i in range(5):

if i == 5:

break

else:

print(i)

else:

print("Here")

a) 0 1 2 3 4 Here

b) 0 1 2 3 4 5 Here

c) 0 1 2 3 4

d) 1 2 3 4 5

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

print('Hello!2@#World'.istitle())

a) True

b) False

c) None

d) error

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

print('1Rn@'.lower())

a) n

b) 1rn@

c) rn

d) r

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

print('cd'.partition('cd'))

a) (‘cd’)

b) (”)

c) (‘cd’, ”, ”)

d) (”, ‘cd’, ”)

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

print('abef'.partition('cd'))

a) (‘abef’)

b) (‘abef’, ‘cd’, ”)

c) (‘abef’, ”, ”)

d) error