

Python Mock Text – SET C

Q1

In order to store values in terms of key and value pairs, what type of core data type we can use for this purpose?

- A: List
 - B: Tuple
 - C: Dictionary
 - D: Class
-

Q2

What is the output of below code snippet?

```
a=[1,2,3,None,(),[],]  
print len([1,2,[3,4],[5,6]])
```

- A: 4
 - B: 5
 - C: 3
 - D: 6
-

Q3

Which of the following gives 'h' from the given tuple?

```
x=('a','b',(l,'h','b'),3)
```

- A: x[3][2]
 - B: x[2][2]
 - C: x[2][1]
 - D: x[3][1]
-

Q4

Which of the following is not a correct representation of decision structure?

- A: if .. else
 - B: if
 - C: if .. elif .. else
 - D: if .. else .. else
-

Q5

Which of the following is a conditional statement in Python?

- A: if .. else
 - B: for
 - C: while
 - D: switch
-

Q6

```
genre = ['pop', 'rock', 'jazz']  
for i in range(len(genre)):  
    print ("I like", genre[i])
```

What is the output of the above program?

- A: I like pop
I like rock
I like jazz
 - B: I like pop
I like rock
 - C: I like jazz
 - D: None of the above
-

Q7

What is the output of the following code snippet?

```
i=1  
while True:  
    if i%7==0:  
        break  
    print(i)  
    i+=1;
```

- A: 1 2 3 4 5 6 7 8
 - B: error
 - C: 1 2 3 4 5 6
 - D: none of these
-

Q8

s="Hello"

t=43

What are the type of s and t variable?

A: float, int

B: string, string

C: string, int

D: int, string

Q9

What is the datatype of a value such as 3?

A: int

B: float

C: string

D: can be anything

Q10

Select the mode of file in python

A: a

B: w

C: r

D: All of the above

Q11

Import time

```
print (time.localtime (time.time()))
```

output:

```
Local current time: time.struct_time(tm_year=2013, tm_mon=7,  
tm_mday=17, tm_hour=21, tm_min=26, tm_sec=3, tm_wday=2, tm_yday=198, tm_isdst=0)
```

what is the meaning of tm_yday=198?

A: day of the year

B: total hour in month

C: total second in current hour

D: none of the above

Q12

```
ticks = time.time()
```

what is the output of ticks?

- A: Current timestamp
 - B: total second of this present month
 - C: both 1 and 2
 - D: none of the above
-

Q13

If file doesn't exist then mode 'a' means what?

- A: it creates a new file for reading and writing
 - B: it creates a new file for writing
 - C: it creates a new file for appending
 - D: it gives prompt saying no file exists
-

Q14

Select the appropriate type of errors, that occurs in python?

- A: name error
 - B: divide by zero error
 - C: type error
 - D: all of these
-

Q15

Which of the following function checks in a string that all characters are title cased?

- A: islower()
 - B: isnumeric()
 - C: isspace()
 - D: istitle()
-

Q16

finally clause is placed to put any code that must execute? Select TRUE and FALSE

- A: TRUE
 - B: FALSE
-

Q17

```
for i in range(10,12):  
    print i
```

What is the output from the above code snippet?

- A: "10 11"
 - B: "11 12"
 - C: 11 12
 - D: 10 11
-

Q18

Which of the following is/are used when you have a piece of code which you want to repeat 'n' number of times?

- A: for loop
 - B: while loop
 - C: None of these
 - D: Both (for and while loop)
-

Q19

What is the output from the below code snippet?

```
for i in range(0,2):  
    for j in range(i,2):  
        print j
```

- A: 0 1 1
 - B: 11
 - C: 0 1 2
 - D: 0 1 2
-

Q20

What is/are the advantages of functions?

- A: Reducing duplication of code
 - B: Decomposing complex problems into simpler pieces
 - C: Reuse of code
 - D: All of these
-

Q21

By default, parameters passed through a function have?

- A: position dependent behaviour
 - B: position independent behaviour
 - C: Variable arguments behaviour
 - D: None of these
-

Q22

```
def func(x=5):  
    """comment"""  
    return x  
print func(x=4)
```

What is the output of the above code snippet?

- A: 5
 - B: 4
 - C: error
 - D: 0
-

Q23

What is the output of the below statement?

```
Print 'hello', 'world'
```

- A: helloworld
 - B: hello,world
 - C: hello world
 - D: hello, world
-

Q24

What is the output of the below statement?

```
print 'x','y','z','x'
```

- A: x,y z
 - B: x,y,z,x
 - C: x,y z x
 - D: x y z x
-

Q25

What is the correct syntax to find number of times a sub string is repeated in a string literal?

- A: str.index()
 - B: str.find()
 - C: str.count()
 - D: str.count("substring to be searched")
-

Q26

What is output of the following print statement?
print "had a nice day".replace("had", "have")

- A: have a Nice day
 - B: Have a nice day
 - C: have a nice day
 - D: have a nice Day
-

Q27

Which of the following comes first in operator precedence?

- A: *
 - B: **
 - C: +
 - D: <<
-

Q28

What is the output from the below code snippet?

```
print(7>10)
print(4<16)
print(4==4)
print(4<=4)
print(4!=4)
```

- A: False True True True False
 - B: False False False True False
 - C: True True True True False
 - D: False True False True True
-

Q29

What are the different types of operators are supported in Python?

A: Identity

B: Relatinal

C: Membership

D: All of these

Q30

Break statement can not be used in while loop

A: True

B: False