Python Mock Text – SET A

Q1

```
list=['a','b','c','a','e','a','d','a']
print list.count('a')
```
What is the output from the above code snippet?

A: 4
B: 5
C: 2
D: 3

Q2

What is the output of below code snippet?
```
a=[1,2,3,None,(),[],]
print len(a)
```

A: Syntax error
B: 4
C: 5
D: 6

Q3

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

Q4

Which python's built-in data type defines one-to-one relationships between keys and values?

A: Tuple
B: List
C: Dictionary
D: All of these

Q5

Which of the below are unique in a dictionary?

A: keys
B: values
C: items
D: none of these

Q6

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

Q7

Which of the following is a conditional statement in Python?

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

Q8

```
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

Q9

Which of these is not a core datatype in Python?

A: lists
B: dictionary
C: tuples
D: class

Q10

string="string"
print string[-2]
What is the output from the above code snippet?

A: g
B: i
C: n
D: t

Q11

Select the mode of file in python

A: a
B: w
C: r
D: All of the above

Q12

what is directory?

A: Collection of files only
B: Collection of files and directories
C: collection of python programs
D: none of these

Q13

If file doesn't exists 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
Which of the following mode is used to open a file in both read and append mode?

A: a
B: r+
C: a+ ✓
D: r

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
```
x=input('enter')
int(x)
```
With the above code snippet, What is the output when x is 6/7?

A: 0 ✓
B: 0.85714
C: error
D: 1

Q17
Continue statement in python returns control to the beginning of the loop?
Select true or false.

A: TRUE ✓
B: FALSE

Q18
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: 1 1
C: 0 1 2
D: 0 12

Q19

What is the correct syntax of while loop?

A: while iteration:
B: while: condition
✓ C: while Condition(Expression/BoolResult: yields to condition): statements;
D: while:

Q20

What is the correct way of calling a function?

A: func
B: func()
C: func([params])
✓ D: func() or func([Params])

Q21

The code inside comments be executed at some situations. Select TRUE or FALSE

A: TRUE
✓ B: FALSE

Q22

What is the output of the below statement?
```
a=1
b=2
a,b=b,a
print "%d%d"%(a,b)
```

✓ A: 2 1
B: 1 2
C: An exception is thrown
D: This program has undefined behaviour

Q23

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

Q24
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")

Q25
What is built-in function used in Python to iterate over a sequence of numbers?

A: range()
B: join()
C: isDigit()
D: count()

Q26
What is the output from the below code snippet?
x= 17/2%2*3**3

A: 12
B: 12.5
C: 13.5
D: 0

Q27
Which is not a logical operator from the below options?

A: &&
B: and
C: or
D: not

Q28
Which of the following operator has the complement behavior?

A: ~
B: not
C: <>
D: !

Q29

Which of the following statement rejects all the remaining statements in the current iteration of the loop and moves the control back to the top of the loop.

A: break
B: pass
C: while
D: continue

Q30

Among flowing which is not a bitwise operator?

A: &
B: &&
C: |
D: ^