MCQ

1 .What will be the output of the following code snippet?

def func(a, b):

return b if a == 0 else func(b % a, a)

print(func(30, 75))

a)10

b)20

c) 15

d) 0

Ans:

2. 2 numbers = (4, 7, 19, 2, 89, 45, 72, 22)

sorted\_numbers = sorted(numbers)

even = lambda a: a % 2 == 0

even\_numbers = filter(even, sorted\_numbers)

print(type(even\_numbers))

a) Int

b) Filter

c) List

d) Tuple

Ans:d)

3. As what datatype are the \*args stored, when passed into

a) Tuple

b) List

c) Dictionary

d) none

Ans:a)

4. 4) set1 = {14, 3, 55}

set2 = {82, 49, 62}

set3={99,22,17}

print(len(set1 + set2 + set3))

a) 105

b) 270

c) 0

d) Error

Ans=d)

5.What keyword is used in Python to raise exceptions?

a) raise

b) try

c) goto

d) except

Ans=)

6. Which of the following modules need to be imported to handle date time computations in Python

a) timedate

b) date

c) datetime

d) time

Ans=c)

7. What will be the output of the following code snippet?

print(4\*\*3 + (7 + 5)\*\*(1 + 1))

a) 248

b) 169

c) 208

d) 233

8. Which of the following functions converts date to corresponding time in Python?

a) strptime

b) strftime

c) both a) and b)

d) Non

Ans=a)

9. The python tuple is \_\_\_\_\_ in nature.

a) mutable

b)immutable

c)unchangeable

d) none

Ans:b)

10.The \_\_\_ is a built-in function that returns a range object that consists series of integer numbers, which we can iterate using a for loop

A. range()

B. set()

C. dictionary{}

D. None of the mentioned above

Ans:a)

11. Amongst which of the following is a function which does not have any name?

A. Del function

B. Show function

C. Lambda function

D. None of the mentioned above

Ans:c)

12. The module Pickle is used to \_\_\_.

A. Serializing Python object structure

B. De-serializing Python object structure

C. Both A and B

D. None of the mentioned above

Ans:c)

13.Amongst which of the following is / are the method of convert Python objects for writing data in a binary file?

A. set() method

B. dump() method

C. load() method

D. None of the mentioned above

Ans:b)

14. Amongst which of the following is / are the method used to unpickling data from a binary file?

A. load()

B. set() method

C. dump() method

D. None of the mentioned above

Ans:a)

15.A text file contains only textual information consisting of \_\_\_.

A. Alphabets

B. Numbers

C. Special symbols

D. All of the mentioned above

Ans:d)

16.Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.)