1). What is the maximum length of a Python identifier?

a) 32

b) 16

c) 128

d) not fixed

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

print (2\*\*3 + (5 + 6)\*\*(1 + 1))

a) 129

b) 8

c) 121

d) None of the above

3. What will be the datatype of the var in the below code snippet?

var = 10

print(type(var))

var = "Hello"

print(type(var))

a) str and int

b) int and int

c) str and str

d) int and str

4.  How is a code block indicated in Python?

a) Brackets

b) Indentation

c) Key

d) None of the above

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

a = [1, 2, 3]

a = tuple(a)

a[0] = 2

print(a)

a) [2, 2, 3]

b) (2,2,3)

c (1,2,3)

d Error

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

print(type(5 / 2))

print(type(5 // 2))

a) float and int

b) int and float

c) float and float

d) int and int

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

a = [1, 2, 3, 4, 5]

sum = 0

for ele in a:

sum += ele

print(sum)

A) 15

b) 0

c) 20

d) None of these

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

count = 0

while(True):

if count % 3 == 0:

print(count, end = " ")

if(count > 15):

break;

count += 1

A) 0 1 2…………….15

b) Infinite loop

c) 0 3 6 9 12 15

d) 0 3 6 9 12

9.Which of the following concepts is not a part of Python?

a) Pointers

b) Loops

c) Dynamic Typing

d) All of the above

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

def solve(a, b):

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

print(solve(20, 50))

a) 10

b) 20

c) 50

d) 1

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

c

a = [2, 4, 6]

print(a)

solve(a)

print(a)

a) [2, 4, 6]. [2, 4, 6]

b) [2, 4, 6], [1, 3, 5]

c) [1.3.5], [1, 3, 5]

d) None of these

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

def func():

global value

value = "Local"

value = "Global"

func()

print(value)

a) local

b) global

c) none

d) cannot be predicted

13. Which of the following statements are used in Exception Handling in Python?

a) Try

b) Except

c) Finally

D) all of the above

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

a = 3

b = 1

print(a, b)

a, b = b, a

print(a, b)

a) 31 13

b) 31 31

c) 13 13

D) 13 31

15. Which of the following types of loops are not supported in Python?

a) for

b) while

c) do while

D) none of the above

16. Which of the following is the proper syntax to check if a particular element is present in a list?

a) if ele in list

b) if not ele not in list

c) Both A and B

D) none of the above

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

def thrive(n):

if n % 15 == 0:

print("thrive", end = “ ”)

elif n % 3 != 0 and n % 5 != 0:

print("neither", end = “ ”)

elif n % 3 == 0:

print("three", end = “ ”)

elif n % 5 == 0:

print("five", end = “ ”)

thrive(35)

thrive(56)

thrive(15)

thrive(39)

a) five neither thrive three

b) five neither three thrive

c) three three three three

D) five neither five neither

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

def check(a):

print("Even" if a % 2 == 0 else "Odd")

check(12)

a) Even

b) Odd

c) Errd) None