1.

What is the maximum length of a Python identifier?

32

16

128

No fixed length is specified.

2.

What will be the output of the following code snippet?

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

129

8

121

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))

str and int

int and int

str and str

int and str

4.

How is a code block indicated in Python?

Brackets.

Indentation.

Key.

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)

[2, 2, 3]

(2, 2, 3)

(1, 2, 3)

Error.

6.

What will be the output of the following code snippet?

print(type(5 / 2))

print(type(5 // 2))

float and int

int and float

float and float

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)

15

0

20

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

0 1 2 ….. 15

Infinite Loop

0 3 6 9 12 15

0 3 6 9 12

9.

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

Pointers.

Loops.

Dynamic Typing.

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))

10

20

50

1

11.

What will be the output of the following code snippet?

def solve(a):

a = [1, 3, 5]

a = [2, 4, 6]

print(a)

solve(a)

print(a)

[2, 4, 6]. [2, 4, 6]

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

[1. 3. 5], [1, 3, 5]

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)

Local

Global

None

Cannot be predicted

13.

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

try

except

finally

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)

3 1    1 3

3 1    3 1

1 3    1 3

1 3    3 1

15.

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

for

while

do-while

None of the above

16.

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

if ele in list

if not ele not in list

Both A and B

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)

five neither thrive three

five neither three thrive

three three three three

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)

Even

Odd

Error

None

19.

What will be the output of the following code snippet?

example = ["Sunday", "Monday", "Tuesday", "Wednesday"];

print(example[-3:-1])

['Monday', 'Tuesday']

['Sunday', 'Monday']

['Tuesday', 'Wednesday']

['Wednesday', 'Monday']

20.

What will be the output of the following code snippet?

a = [1, 2]

print(a \* 3)

Error

[1, 2]

[1, 2, 1, 2]

[1, 2, 1, 2, 1, 2]

21.

What will be the output of the following code snippet?

example = ["Sunday", "Monday", "Tuesday", "Wednesday"];

del example[2]

print(example)

['Sunday', 'Monday', 'Tuesday', 'Wednesday']

['Sunday', 'Monday', 'Wednesday']

['Monday', 'Tuesday', 'Wednesday']

['Sunday', 'Monday', 'Tuesday']

22.

What will be the type of the variable sorted\_numbers in the below code snippet?

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

sorted\_numbers = sorted(numbers)

print(sorted\_numbers)

List

Tuple

String

Int

23.

What will be the output of the following code snippet?

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))

filter

int

list

tuple

24.

What will be the output of the following code snippet?

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

sorted\_numbers = sorted(numbers)

odd\_numbers = [x for x in sorted\_numbers if x % 2 != 0]

print(odd\_numbers)

[7, 19, 45, 89]

[2, 4, 22, 72]

[4, 7, 19, 2, 89, 45,72, 22]

[2, 4, 7, 19, 22, 45, 72, 89]

25.

What will be the output of the following code snippet?

def is\_even(number):

message = f"{number} is an even number" if number % 2 == 0 else f"{number} is an odd number"

return message

print(is\_even(54))

54 is an even number

54 is an odd number

number is an even number

number is an odd number

26.

What will be the output of the following code snippet?

dict1 = {'first' : 'sunday', 'second' : 'monday'}

dict2 = {1: 3, 2: 4}

dict1.update(dict2)

print(dict1)

{'first': 'sunday', 'second': 'monday', 1: 3, 2: 4}

{'first': 'sunday', 'second': 'monday'}

{1: 3, 2: 4}

None of the above.

27.

What will be the output of the following code snippet?

s = {1, 2, 3, 3, 2, 4, 5, 5}

print(s)

{1, 2, 3, 3, 2, 4, 5, 5}

{1, 2, 3, 4, 5}

None

{1, 5}

28.

What will be the output of the following code snippet?

a = {'Hello':'World', 'First': 1}

b = {val: k for k , val in a.items()}

print(b)

{'Hello':'World', 'First': 1}

{'World': 'Hello', 1: 'First'}

Can be both A or B

None of the above

29.

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

strptime()

strftime()

Both A and B

None of the above

30.

What will be the output of the following code snippet?

word = "Python Programming"

n = len(word)

word1 = word.upper()

word2 = word.lower()

converted\_word = ""

for i in range(n):

if i % 2 == 0:

converted\_word += word2[i]

else:

converted\_word += word1[i]

print(converted\_word)

pYtHoN PrOgRaMmInG

Python Programming

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PYTHON PROGRAMMING

31.

What will be the output of the following code snippet?

a = "4, 5"

nums = a.split(',')

x, y = nums

int\_prod = int(x) \* int(y)

print(int\_prod)

20

45

54

4,5

32.

What will be the output of the following code snippet?

square = lambda x: x \*\* 2

a = []

for i in range(5):

a.append(square(i))

print(a)

[0, 1, 4, 9, 16]

[1, 4, 9, 16, 25]

[0, 1, 2, 3, 4]

[1, 2, 3, 4, 5]

33.

What will be the output of the following code snippet?

def tester(\*argv):

for arg in argv:

print(arg, end = ' ')

tester('Sunday', 'Monday', 'Tuesday', 'Wednesday')

Sunday

Wednesday

Sunday Monday Tuesday Wednesday

None of the above.

34.

As what datatype are the \*args stored, when passed into a function?

List.

Tuple.

Dictionary.

None of the above.

35.

What will be the output of the following code snippet?

def tester(\*\*kwargs):

for key, value in kwargs.items():

print(key, value, end = " ")

tester(Sunday = 1, Monday = 2, Tuesday = 3, Wednesday = 4)

Sunday 1 Monday 2 Tuesday 3 Wednesday 4

Sunday 1

Wednesday 4

None of the above

36.

As what datatype are the \*kwargs stored, when passed into a function?

Lists.

Tuples.

Dictionary.

None of the above.

37.

Which of the following blocks will always be executed whether an exception is encountered or not in a program?

try

except

finally

None of These

38.

What will be the output of the following code snippet?

from math import \*

a = 2.19

b = 3.999999

c = -3.30

print(int(a), floor(b), ceil(c), fabs(c))

2 3 -3 3.3

3 4 -3 3

2 3 -3 3

2 3 -3 -3.3

39.

What will be the output of the following code snippet?

set1 = {1, 3, 5}

set2 = {2, 4, 6}

print(len(set1 + set2))

3

6

0

Error

40.

What keyword is used in Python to raise exceptions?

raise

try

goto

except

41.

What will be the output of the following code snippet?

s1 = {1, 2, 3, 4, 5}

s2 = {2, 4, 6}

print(s1 ^ s2)

{1, 2, 3, 4, 5}

{1, 3, 5, 6}

{2, 4}

None of the above

42.

Which of the following is not a valid set operation in python?

Union

Intersection

Difference

None of the above

43.

What will be the output of the following code snippet?

a = [1, 2, 3, 4]

b = [3, 4, 5, 6]

c = [x for x in a if x not in b]

print(c)

[1, 2]

[5, 6]

[1, 2, 5, 6]

[3, 4]

44.

Which of the following are valid escape sequences in Python?

\n

\t

\\

All of the above

45.

Which of the following are valid string manipulation functions in Python?

count()

upper()

strip()

All of the above

46.

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

datetime

date

time

timedate

47.

How can assertions be disabled in Python?

Passing -O when running Python.

Assertions are disabled by default.

Both A and B are wrong.

Assertions cannot be disabled in Python.

48.

What will be the output of the following code snippet?

a = [[], "abc", [0], 1, 0]

print(list(filter(bool, a)))

['abc', [0], 1]

[1]

[“abc”]

None of the above

49.

In which language is Python written?

C++

C

Java

None of these

50.

What will be the result of the following expression in Python “2 \*\* 3 + 5 \*\* 2”?

65536

33

169

None of these