

1. Who developed Python Programming Language?
 - a) Wick van Rossum
 - b) Rasmus Lerdorf
 - c) Guido van Rossum
 - d) Niene Stom

2. Which type of Programming does Python support?
 - a) object-oriented programming
 - b) structured programming
 - c) functional programming
 - d) all of the mentioned

3. Is Python case sensitive when dealing with identifiers?
 - a) no
 - b) yes
 - c) machine dependent
 - d) none of the mentioned

4. Which of the following is the correct extension of the Python file?
 - a) .python
 - b) .pl
 - c) .py
 - d) .p

5. Is Python code compiled or interpreted?
 - a) Python code is both compiled and interpreted
 - b) Python code is neither compiled nor interpreted
 - c) Python code is only compiled
 - d) Python code is only interpreted

6. All keywords in Python are in _____
 - a) Capitalized
 - b) lower case
 - c) UPPER CASE
 - d) None of the mentioned

7. What will be the value of the following Python expression?

4 + 3 % 5

- a) 7
- b) 2
- c) 4
- d) 1

8. Which of the following is used to define a block of code in Python language?

- a) Indentation
- b) Key
- c) Brackets
- d) All of the mentioned

9. Which keyword is used for function in Python language?

- a) Function
- b) def
- c) Fun
- d) Define

10. Which of the following character is used to give single-line comments in Python?

- a) //
- b) #
- c) !
- d) /*

11. Which of these is not a core data type?

- a) Lists
- b) Dictionary
- c) Tuples
- d) Class

12. Given a function that does not return any value, What value is thrown by default when executed in shell.

- a) int
- b) bool
- c) void
- d) None

13. What will be the output of the following Python code?

```
1. >>>str="hello"  
2. >>>str[:2]  
3. >>>
```

- a) he
- b) lo
- c) olleh
- d) hello

14. Which of the following will run without errors?

- a) round(45.8)
- b) round(6352.898,2,5)
- c) round()
- d) round(7463.123,2,1)

15. What is the return type of function id?

- a) int
- b) float
- c) bool
- d) dict

16. In python we do not specify types, it is directly interpreted by the compiler, so consider the following operation to be performed.

```
1. >>>x = 13 ? 2
```

objective is to make sure x has a integer value, select all that apply (python 3.xx)

- a) `x = 13 // 2`
- b) `x = int(13 / 2)`
- c) `x = 13 % 2`
- d) All of the mentioned

17. What error occurs when you execute the following Python code snippet?
`apple = mango`

- a) `SyntaxError`
- b) `NameError`
- c) `ValueError`
- d) `TypeError`

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

```
1. def example(a):  
2.     a = a + '2'  
3.     a = a*2  
4.     return a  
5. >>>example("hello")
```

- a) indentation Error
- b) cannot perform mathematical operation on strings
- c) hello2
- d) hello2hello2

19. What data type is the object below?

```
L = [1, 23, 'hello', 1]
```

- a) list
- b) dictionary
- c) array
- d) tuple

20. In order to store values in terms of key and value we use what core data type.

- a) list
- b) tuple
- c) class
- d) dictionary

21. What will be the output of the following Python code?

```
x = ['ab', 'cd']
for i in x:
    i.upper()
print(x)
```

- a) ['ab', 'cd']
- b) ['AB', 'CD']
- c) [None, None]
- d) none of the mentioned

22. What will be the output of the following Python code?

```
x = ['ab', 'cd']
for i in x:
    x.append(i.upper())
print(x)
```

- a) ['AB', 'CD']
- b) ['ab', 'cd', 'AB', 'CD']
- c) ['ab', 'cd']
- d) none of the mentioned

23. What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)

    i += 1
```

- a) 1 2
- b) 1 2 3
- c) error
- d) none of the mentioned

24. What will be the output of the following Python code?

```
i = 1
while True:
    if i%007 == 0:
        break
    print(i)
    i += 1
```

- a) 1 2 3 4 5 6
- b) 1 2 3 4 5 6 7
- c) error
- d) none of the mentioned

25. What will be the output of the following Python code?

```
i = 5
while True:
    if i%0011 == 0:
        break
    print(i)
    i += 1
```

- a) 5 6 7 8 9 10
- b) 5 6 7 8
- c) 5 6
- d) error

26. What will be the output of the following Python code?

```
i = 5
while True:
    if i%009 == 0:
        break
    print(i)
    i += 1
```

- a) 5 6 7 8
- b) 5 6 7 8 9
- c) 5 6 7 8 9 10 11 12 13 14 15
- d) error

27. What will be the output of the following Python code?

```
i = 1
while True:
    if i%2 == 0:
        break
    print(i)
    i += 2
```

- a) 1
- b) 1 2
- c) 1 2 3 4 5 6 ...
- d) 1 3 5 7 9 11 ...

28. What will be the output of the following Python code?

```
i = 2
while True:
    if i%3 == 0:
        break
    print(i)
    i += 2
```

- a) 2 4 6 8 10 ...
- b) 2 4
- c) 2 3
- d) error

29. What will be the output of the following Python code?

```
i = 1
while False:
    if i%2 == 0:
        break
    print(i)
    i += 2
```

- a) 1
- b) 1 3 5 7 ...
- c) 1 2 3 4 ...
- d) none of the mentioned

30. What will be the output of the following Python code?

```
True = False
while True:
    print(True)
    break
```

- a) True
- b) False
- c) None
- d) none of the mentioned

31. What will be the output of the following Python code?

```
i = 0
while i < 5:
    print(i)
    i += 1
    if i == 3:
        break
else:
    print(0)
```

- a) 0 1 2 0
- b) 0 1 2
- c) error
- d) none of the mentioned

32. What will be the output of the following Python code?

```
i = 0
while i < 3:
    print(i)
    i += 1
else:
    print(0)
```

- a) 0 1 2 3 0
- b) 0 1 2 0
- c) 0 1 2
- d) error

33. What will be the output of the following Python code?

```
x = "abcdef"
while i in x:
    print(i, end=" ")
```

- a) a b c d e f
- b) abcdef
- c) i i i i i ...
- d) error

34. What will be the output of the following Python code?

```
x = "abcdef"
i = "i"
while i in x:
    print(i, end=" ")
```

- a) no output
- b) i i i i i ...
- c) a b c d e f
- d) abcdef

35. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x:
    print(i, end = " ")
```

- a) no output
- b) i i i i i ...
- c) a a a a a ...
- d) a b c d e f

36. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x:
    print('i', end = " ")
```

- a) no output
- b) i i i i i ...
- c) a a a a a ...
- d) a b c d e f

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37. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x:
    x = x[:-1]
    print(i, end = " ")
```

- a) i i i i i
- b) a a a a a
- c) a a a a a
- d) none of the mentioned

38. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x[::-1]:
    print(i, end = " ")
```

- a) a a a a a
- b) a a a a a a
- c) a a a a a a ...
- d) a

39. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x:
    x = x[1:]
    print(i, end = " ")
```

- a) a a a a a a
- b) a
- c) no output
- d) error

40. What will be the output of the following Python code?

```
x = "abcdef"
i = "a"
while i in x[1:]:
    print(i, end = " ")
```

- a) a a a a a a
- b) a
- c) no output
- d) error

41. Which of the following is the use of function in python?

- a) Functions are reusable pieces of programs
- b) Functions don't provide better modularity for your application
- c) you can't also create your own functions
- d) All of the mentioned

[View Answer](#)

42. Which keyword is used for function?

- a) Fun
- b) Define
- c) def
- d) Function

43. What will be the output of the following Python code?

```
1. def sayHello():
2.     print('Hello World!')
3. sayHello()
4. sayHello()
```

a)

Hello World!

Hello World!

b)

'Hello World!'

'Hello World!'

c)

Hello

Hello

d) None of the mentioned

44. What will be the output of the following Python code?

```
1.def printMax(a, b):  
2.     if a > b:  
3.         print(a, 'is maximum')  
4.     elif a == b:  
5.         print(a, 'is equal to', b)  
6.     else:  
7.         print(b, 'is maximum')  
8.printMax(3, 4)
```

a) 3

b) 4

c) 4 is maximum

d) None of the mentioned

45. What will be the output of the following Python code?

```
1.x = 50  
2.def func(x):  
3.     print('x is', x)  
4.     x = 2  
5.     print('Changed local x to', x)  
6.func(x)  
7.print('x is now', x)
```

a)

x is 50

Changed local x to 2

x is now 50

b)

x is 50

Changed local x to 2

x is now 2

c)

x is 50

Changed local x to 2

x is now 100

d) None of the mentioned

46. What will be the output of the following Python code?

```
1. x = 50
2. def func():
3.     global x
4.     print('x is', x)
5.     x = 2
6.     print('Changed global x to', x)
7. func()
8. print('Value of x is', x)
```

a)

x is 50

Changed global x to 2

Value of x is 50

b)

x is 50

Changed global x to 2

Value of x is 2

c)

x is 50

Changed global x to 50

Value of x is 50

d) None of the mentioned

47. What will be the output of the following Python code?

```
1. def say(message, times = 1):  
2.     print(message * times)  
3. say('Hello')  
4. say('World', 5)
```

a)

Hello

WorldWorldWorldWorldWorld

b)

Hello

World 5

c)

Hello

World,World,World,World,World

d)

Hello

HelloHelloHelloHelloHello

48. What will be the output of the following Python code?

```
1. def func(a, b=5, c=10):  
2.     print('a is', a, 'and b is', b, 'and c is', c)  
3.  
4. func(3, 7)  
5. func(25, c = 24)  
6. func(c = 50, a = 100)
```

a)

a is 7 and b is 3 and c is 10

a is 25 and b is 5 and c is 24

a is 5 and b is 100 and c is 50

b)

a is 3 and b is 7 and c is 10

a is 5 and b is 25 and c is 24

a is 50 and b is 100 and c is 5

c)

a is 3 and b is 7 and c is 10

a is 25 and b is 5 and c is 24

a is 100 and b is 5 and c is 50

d) None of the mentioned

49. What will be the output of the following Python code?

```
1. def maximum(x, y):
2.     if x > y:
3.         return x
4.     elif x == y:
5.         return 'The numbers are equal'
6.     else:
7.         return y
8.
9. print(maximum(2, 3))
```

a) 2

b) 3

c) The numbers are equal

d) None of the mentioned

50. Which of the following is a feature of DocString?

a) Provide a convenient way of associating documentation with Python modules, functions, classes, and methods

b) All functions should have a docstring

- c) Docstrings can be accessed by the `__doc__` attribute on objects
- d) All of the mentioned

51. Which of the following functions is a built-in function in python?

- a) `seed()`
- b) `sqrt()`
- c) `factorial()`
- d) `print()`

52. What will be the output of the following Python expression?

```
round(4.576)
```

- a) 4.5
- b) 5
- c) 4
- d) 4.6

53. The function `pow(x,y,z)` is evaluated as:

- a) $(x**y)**z$
- b) $(x**y) / z$
- c) $(x**y) \% z$
- d) $(x**y)*z$

54. What will be the output of the following Python function?

```
all([2,4,0,6])
```

- a) Error
- b) True
- c) False
- d) 0

55. What will be the output of the following Python expression?

```
round(4.5676,2)?
```

- a) 4.5
- b) 4.6
- c) 4.57
- d) 4.56

56. What will be the output of the following Python function?

```
any([2>8, 4>2, 1>2])
```

- a) Error
- b) True
- c) False
- d) $4>2$

57. What will be the output of the following Python function?

```
import math
abs(math.sqrt(25))
```

- a) Error
- b) -5
- c) 5
- d) 5.0

58. What will be the output of the following Python function?

```
sum(2, 4, 6)
sum([1, 2, 3])
```

- a) Error, 6
- b) 12, Error
- c) 12, 6
- d) Error, Error

59. What will be the output of the following Python function?

```
all(3, 0, 4.2)
```

- a) True
- b) False
- c) Error
- d) 0

60. What will be the output of the following Python function?

```
min(max(False, -3, -4), 2, 7)
```

- a) 2
- b) False
- c) -3
- d) -4

61. Which of the following commands will create a list?

- a) list1 = list()
- b) list1 = []
- c) list1 = list([1, 2, 3])
- d) all of the mentioned

62. What is the output when we execute list("hello")?

- a) ['h', 'e', 'l', 'l', 'o']
- b) ['hello']
- c) ['llo']
- d) ['olleh']

63. Suppose listExample is ['h','e','l','l','o'], what is len(listExample)?

- a) 5
- b) 4
- c) None
- d) Error

64. Suppose list1 is [2445,133,12454,123], what is max(list1)?

- a) 2445
- b) 133
- c) 12454
- d) 123

65. Suppose list1 is [3, 5, 25, 1, 3], what is min(list1)?

- a) 3
- b) 5
- c) 25
- d) 1

66. Suppose list1 is [1, 5, 9], what is sum(list1)?

- a) 1
- b) 9
- c) 15
- d) Error

67. To shuffle the list(say list1) what function do we use?

- a) list1.shuffle()
- b) shuffle(list1)
- c) random.shuffle(list1)
- d) random.shuffleList(list1)

68. Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation?

- a) print(list1[2:])
- b) print(list1[:2])
- c) print(list1[:-2])
- d) all of the mentioned

69. Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]?

- a) Error
- b) None
- c) 25
- d) 2

70. Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]?

- a) [2, 33, 222, 14]
- b) Error
- c) 25
- d) [25, 14, 222, 33, 2]

71. Which of the following is a Python tuple?

- a) [1, 2, 3]
- b) (1, 2, 3)
- c) {1, 2, 3}
- d) {}

72. Suppose t = (1, 2, 4, 3), which of the following is incorrect?

- a) print(t[3])
- b) t[3] = 45
- c) print(max(t))
- d) print(len(t))

73. What will be the output of the following Python code?

```
1. >>>t=(1, 2, 4, 3)
2. >>>t[1:3]
```

- a) (1, 2)
- b) (1, 2, 4)
- c) (2, 4)
- d) (2, 4, 3)

74. What will be the output of the following Python code?

```
1. >>>t=(1, 2, 4, 3)
2. >>>t[1:-1]
```

- a) (1, 2)
- b) (1, 2, 4)
- c) (2, 4)
- d) (2, 4, 3)

75. What will be the output of the following Python code?

```
1. >>>t = (1, 2, 4, 3, 8, 9)
2. >>>[t[i] for i in range(0, len(t), 2)]
```

- a) [2, 3, 9]
- b) [1, 2, 4, 3, 8, 9]
- c) [1, 4, 8]
- d) (1, 4, 8)

76. What will be the output of the following Python code?

```
1.d = {"john":40, "peter":45}
2.d["john"]
```

- a) 40
- b) 45
- c) "john"
- d) "peter"

77. What will be the output of the following Python code?

```
1.>>>t = (1, 2)
2.>>>2 * t
```

- a) (1, 2, 1, 2)
- b) [1, 2, 1, 2]
- c) (1, 1, 2, 2)
- d) [1, 1, 2, 2]

78. What will be the output of the following Python code?

```
1.>>>t1 = (1, 2, 4, 3)
2.>>>t2 = (1, 2, 3, 4)
3.>>>t1 < t2
```

- a) True
- b) False
- c) Error
- d) None

79. What will be the output of the following Python code?

```
1.>>>my_tuple = (1, 2, 3, 4)
2.>>>my_tuple.append( (5, 6, 7) )
3.>>>print len(my_tuple)
```

- a) 1
- b) 2
- c) 5
- d) Error

80. What will be the output of the following Python code?

```
1.numberGames = {}
2.numberGames[(1,2,4)] = 8
3.numberGames[(4,2,1)] = 10
4.numberGames[(1,2)] = 12
5.sum = 0
6.for k in numberGames:
7.    sum += numberGames[k]
8.print(len(numberGames) + sum)
```

- a) 30
- b) 24
- c) 33
- d) 12

81. What will be the output of the following Python code snippet?

```
X="hi"  
print ("05d"%X)
```

- a) 00000hi
- b) 000hi
- c) hi000
- d) error

82. What will be the output of the following Python code snippet?

advertisement

```
X="san-foundry"  
print ("%56s",X)
```

- a) 56 blank spaces before san-foundry
- b) 56 blank spaces before san and foundry
- c) 56 blank spaces after san-foundry
- d) no change

83. What will be the output of the following Python expression if x=456?

```
print ("%06d"%x)
```

- a) 000456
- b) 456000
- c) 456
- d) error

84. What will be the output of the following Python expression if X=345?

```
print ("%06d"%X)
```

- a) 345000
- b) 000345
- c) 000000345
- d) 345000000

85. Which of the following formatting options can be used in order to add 'n' blank spaces after a given string 'S'?

- a) print("-ns"%S)
- b) print("-ns"%S)
- c) print("%ns"%S)
- d) print("%-ns"%S)

86. What will be the output of the following Python expression if X = -122?

```
print ("-06d"%x)
```

- a) -000122
- b) 000122
- c) -00122

d) -00122

87. What will be the output of the following Python expression if the value of x is 34?

```
print ("%f"%x)
```

- a) 34.00
- b) 34.0000
- c) 34.000000
- d) 34.00000000

88. What will be the output of the following Python expression if x=56.236?

```
print ("% .2f"%x)
```

- a) 56.00
- b) 56.24
- c) 56.23
- d) 0056.236

89. What will be the output of the following Python expression if x=22.19?

```
print ("%5.2f"%x)
```

- a) 22.1900
- b) 22.00000
- c) 22.19
- d) 22.20

90. The expression shown below results in an error.

```
print ("- %5d0", 989)
```

- a) True
- b) False

91. How many except statements can a try-except block have?

- a) zero
- b) one
- c) more than one
- d) more than zero

92. When will the else part of try-except-else be executed?

- a) always
- b) when an exception occurs
- c) when no exception occurs
- d) when an exception occurs in to except block

93. Is the following Python code valid?

```
try:
    # Do something
except:
    # Do something
finally:
    # Do something
```

- a) no, there is no such thing as finally
- b) no, finally cannot be used with except
- c) no, finally must come before except
- d) yes

94. Is the following Python code valid?

```
try:
    # Do something
except:
    # Do something
else:
    # Do something
```

- a) no, there is no such thing as else
- b) no, else cannot be used with except
- c) no, else must come before except
- d) yes

95. Can one block of except statements handle multiple exception?

- a) yes, like except TypeError, SyntaxError [,...]
- b) yes, like except [TypeError, SyntaxError]
- c) no
- d) none of the mentioned

96. When is the finally block executed?

- a) when there is no exception
- b) when there is an exception
- c) only if some condition that has been specified is satisfied
- d) always

97. What will be the output of the following Python code?

```
def foo():
    try:
        return 1
    finally:
        return 2
k = foo()
print(k)
```

- a) 1
- b) 2
- c) 3
- d) error, there is more than one return statement in a single try-finally block

98. What will be the output of the following Python code?

```
def foo():  
    try:  
        print(1)  
    finally:  
        print(2)  
foo()
```

- a) 1 2
- b) 1
- c) 2
- d) none of the mentioned

99. What will be the output of the following Python code?

```
try:  
    if '1' != 1:  
        raise "someError"  
    else:  
        print("someError has not occurred")  
except "someError":  
    print ("someError has occurred")
```

- a) someError has occurred
- b) someError has not occurred
- c) invalid code
- d) none of the mentioned

100. What happens when '1' == 1 is executed?

- a) we get a True
- b) we get a False
- c) an TypeError occurs
- d) a ValueError occurs

