

Python MCQ

1. What will be the output after the following statements?

```
m = 28
```

```
n = 5
```

```
print(m // n)
```

a. 5.0

b. 6

c. 5

d. 4.0

2. What will be the output after the following statements?

```
m = 90
```

```
n = 7
```

```
print(m % n)
```

a. 6

b. 4

c. 6.0

d. 5.0

3. What will be the output after the following statements?

```
m = 79
```

```
n = 64
```

```
print(m < n)
```

a. `m < n`

b. False

c. True

d. No

4. What will be the output after the following statements?

```
m = 92
```

```
n = 35
```

```
print(m > n)
```

a. True

b. False

c. Yes

d. No

5. What will be the output after the following statements?

```
m = False
```

```
n = True
```

```
print(m and n)
```

a. `m and n`

b. False

c. True

d. `mn`

6. What will be the output after the following statements?

```
m = True
```

```
n = False
```

```
print(m or n)
```

a. `m or n`

b. False

c. True

d. `mn`

7. What will be the output after the following statements?

```
m = True
```

```
n = False
```

```
print(not m)
```

a. `not m`

- b. False
- c. True
- d. Not defined

8. What will be the output after the following statements?

```
m = True  
n = False  
print('not n')
```

- a. not n
- b. False
- c. True
- d. Not defined

9. What will be the output after the following statements?

```
m = 7 * 5 + 8  
print(m)
```

- a. 91
- b. 20
- c. 47
- d. 43

10. What will be the output after the following statements?

```
m = 9 * (3 + 12)  
print(m)
```

- a. 45
- b. 159
- c. 95
- d. 135

11. What will be the output after the following statements?

```
m = '40' + '01'  
print(m)
```

- a. 4001
- b. 01
- c. 41
- d. 40

12. What will be the output after the following statements?

```
m = 81 + 34  
print(m)
```

- a. 8134
- b. 81
- c. 115
- d. 34

13. What will be the data type of n after the following statements if the user entered the number 45?

```
m = input('Enter a number: ')  
n = int(m)
```

- a. Float
- b. String
- c. List
- d. Integer

14. What is the data type of m after the following statement?

```
m = (41, 54, 23, 68)
```

- a. Dictionary
- b. Tuple
- c. String
- d. List

15. What is the data type of m after the following statement?

m = ['July', 'September', 'December']

a. Dictionary

b. Tuple

c. List

d. String

16. What will be the output after the following statements?

m = ['July', 'September', 'December']

n = m[1]

print(n)

a. [' July' , ' September' , ' December']

b. July

c. September

d. December

17. What will be the output after the following statements?

m = [45, 51, 67]

n = m[2]

print(n)

a. 67

b. 51

c. [45, 51, 67]

d. 45

18. What will be the output after the following statements?

m = [75, 23, 64]

n = m[0] + m[1]

print(n)

a. 75

b. 23

c. 64

d. 98

19. What will be the output after the following statements?

m = ['July', 'September', 'December']

n = m[0] + m[2]

print(n)

a. July

b. JulyDecember

c. JulySeptember

d. SeptemberDecember

20. What will be the output after the following statements?

m = 17

n = 5

o = m * n

print(o)

a. m * n

b. 17

c. 85

d. 5

21. What will be the output after the following statements?

m = [25, 34, 70, 63]

n = m[2] - m[0]

print(n)

a. 25

b. 45

c. 70

d. 34

22. What will be the output after the following statements?

```
m = [25, 34, 70, 63]
n = str(m[1]) + str(m[2])
print(n)
```

- a. 2534
- b. 95
- c. 104
- d. 3470

23. What will be the data type of m after the following statement?

```
m = [90, 'A', 115, 'B', 250]
```

- a. List
- b. String
- c. Dictionary
- d. Tuple

24. What will be the data type of m after the following statement?

```
m = 'World Wide Web'
```

- a. List
- b. String
- c. Dictionary
- d. Tuple

25. What will be the data type of m after the following statement?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

- a. List
- b. Set
- c. Dictionary
- d. Tuple

26. What will be the data type of m after the following statement?

```
m = {'A', 'F', 'R', 'Y'}
```

- a. List
- b. Set
- c. Dictionary
- d. Tuple

27. What will be the data type of m after the following statement?

```
m = True
```

- a. List
- b. String
- c. Dictionary
- d. Boolean

28. What will be the data type of m after the following statements?

```
true = "Honesty is the best policy"
```

```
m = true
```

- a. List
- b. String
- c. Dictionary
- d. Boolean

29. What will be the output after the following statements?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

```
print(m.keys())
```

- a. dict_keys(['Listen', 'Play'])
- b. dict_keys(['Music', 'Games'])
- c. dict_keys(['Listen' : 'Music', 'Play' : 'Games'])
- d. dict_keys(['Listen' : 'Games'])

30. What will be the output after the following statements?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

```
print(m.values())
```

```
a. dict_keys([ ' Listen' , ' Play' ])
```

```
b. dict_values([ ' Music' , ' Games' ])
```

```
c. dict_values({ ' Listen' : ' Music' , ' Play' : ' Games' })
```

```
d. dict_values({ ' Listen' : ' Games' })
```

31. What will be the output after the following statements?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

```
n = m['Play']
```

```
print(n)
```

```
a. Listen
```

```
b. Music
```

```
c. Play
```

```
d. Games
```

32. What will be the output after the following statements?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

```
n = list(m.values())
```

```
print(n[0])
```

```
a. Listen
```

```
b. Music
```

```
c. Play
```

```
d. Games
```

33. What will be the output after the following statements?

```
m = {'Listen' : 'Music', 'Play' : 'Games'}
```

```
n = list(m.items())
```

```
print(n)
```

```
a. [( ' Play' , ' Games' ), ( ' Listen' , ' Music' )]
```

```
b. [( ' Listen' , ' Music' )]
```

```
c. [( ' Play' , ' Games' )]
```

```
d. ( ' Play' , ' Games' ), ( ' Listen' , ' Music' )
```

34. What will be the output after the following statements?

```
m = 36
```

```
if m > 19:
```

```
print(100)
```

```
a. 36
```

```
b. 19
```

```
c. 100
```

```
d. m
```

35. What will be the output after the following statements?

```
m = 50
```

```
if m > 50:
```

```
print(25)
```

```
else:
```

```
print(75)
```

```
a. 50
```

```
b. m
```

```
c. 75
```

```
d. 25
```

36. What will be the output after the following statements?

```
m = 8
```

```
if m > 7:
```

```
print(50)
```

```
elif m == 7:
```

```
print(60)
```

```
else:
```

print(70)

a. 50

b. 60

c. 70

d. 8

37. What will be the output after the following statements?

m = 85

n = 17

print(m / n)

a. 5

b. 5.5

c. 6.0

d. 5.0

38. What will be the output after the following statements?

m = 44

n = 23

m = m + n

print(m)

a. 23

b. 44

c. 67

d. m + n

39. What will be the output after the following statements?

m = 20

n = 6

m = m * n

print(m)

a. m * n

b. 20

c. 206

d. 120

40. What will be the output after the following statements?

m = 99

n = 11

m = m - n

print(m)

a. 88

b. 11

c. 99

d. 9911

41. What will be the output after the following statements?

m = 70

n = 10

m = m % n

print(m)

a. 7

b. 70

c. 10

d. 0

42. What will be the output after the following statements?

m = 57

n = 19

o = m == n

print(o)

- a. 19
- b. True
- c. False
- d. 57

43. What will be the output after the following statements?

```
m = 33
if m > 33:
    print('A')
elif m == 30:
    print('B')
else:
    print('C')
```

- a. C
- b. B
- c. A
- d. 33

44. What will be the output after the following statements?

```
m = 99
if m > 9 and m < 19:
    print('AA')
elif m > 19 and m < 39:
    print('BB')
elif m > 39 and m < 59:
    print('CC')
else:
    print('DD')
```

- a. CC
- b. DD
- c. BB
- d. AA

45. What will be the output after the following statements?

```
m = 200
if m <= 25 or m >= 200:
    print('AA')
elif m <= 45 or m >= 150:
    print('BB')
elif m <= 65 or m >= 100:
    print('CC')
else:
    print('DD')
```

- a. CC
- b. DD
- c. BB
- d. AA

46. What will be the output after the following statements?

```
m = 6
while m < 11:
    print(m, end="")
    m = m + 1
```

- a. 6789
- b. 5678910
- c. 678910
- d. 56789

47. What will be the output after the following statements?

```
m = 2
while m < 5:
    print(m, end="")
    m += 2
```

- a. 24
- b. 246
- c. 2468
- d. 248

48. What will be the output after the following statements?

```
m = 1
n = 5
while n + m < 8:
    m += 1
    print(m, end="")
```

- a. 123
- b. 23
- c. 234
- d. 2345

49. What will be the output after the following statements?

```
m, n = 2, 5
while n < 10:
    print(n, end="")
    m, n = n, m + n
```

- a. 25
- b. 58
- c. 579
- d. 57

50. What will be the output after the following statements?

```
m = 'ABC'
for i in m:
    print(i, end=' ')
```

- a. A
- b. ABC
- c. A B C
- d. I

51. What will be the output after the following statements?

```
for m in range(7):
    print(m, end="")
```

- a. 0123456
- b. 01234567
- c. 123456
- d. 1234567

52. What will be the output after the following statements?

```
for m in range(6,9):
    print(m, end="")
```

- a. 67
- b. 678
- c. 6789
- d. 5678

53. What will be the output after the following statements?

```
for m in range(2,9,3):
    print(m, end="")
```

- a. 293
- b. 369

c. 239

d. 258

54. What will be the output after the following statements?

```
m = ('m', 'n', 'o', 'p')
```

```
for n in m:
```

```
print(n, end=' ')
```

a. n

b. mnop

c. m n o p

d. (m , n , o , p)

55. What will be the output after the following statements?

```
m = {'m', 'n', 'o', 'p'}
```

```
if 'n' in m:
```

```
print('n', end=' ')
```

a. n

b. mnop

c. m n o p

d. { m , n , o , p }

56. What will be the output after the following statements?

```
m = {45 : 75, 55 : 85}
```

```
for i in m:
```

```
print(i, end=' ')
```

a. 45 : 75

b. 45 55

c. 55 : 85

d. 75 85

57. What will be the output after the following statements?

```
m = {45 : 75, 55 : 85}
```

```
for n, o in m.items():
```

```
print(n, o, end=' ')
```

a. 45 : 75, 55 : 85

b. {45 : 75, 55 : 85}

c. 45 55 75 85

d. 45 75 55 85

58. What will be the output after the following statements?

```
for m in range(6,9):
```

```
print(m, end="")
```

```
if m == 8:
```

```
break
```

a. 67

b. 679

c. 678

d. 6789

59. What will be the output after the following statements?

```
for m in range(6,9):
```

```
if m == 8:
```

```
continue
```

```
print(m, end="")
```

a. 67

b. 679

c. 678

d. 6789

60. What will be the output after the following statements?

```
m = [15, 65, 105]
```

n = 5 in m

print(n)

a. 15

b. [15, 65, 105]

c. True

d. False

61. What will be the output after the following statements?

m = 18

def nop() :

print(m)

nop()

a. m

b. nop

c. 18

d. mnop

62. What will be the output after the following statements?

def abc(m, n) :

print(m - n)

abc(14, 5)

a. (14, 5)

b. 145

c. m - n

d. 9

63. What will be the output after the following statements?

def abc(m=15, n=10, o=5) :

print(m * n + o)

abc()

a. 150

b. 155

c. 0

d. 225

64. What will be the output after the following statements?

def abc(m, n) :

return m * n

print(abc(7, 3))

a. 21

b. 7, 3

c. (7, 3)

d. m * n

65. What will be the output after the following statements?

def p(m, n) :

return m / n

o = p(50, 5)

print(o)

a. 5

b. 50 / 5

c. 10.0

d. 10

66. What will be the output after the following statements?

m = {'Listen' : 'Music', 'Play' : 'Games'}

n = m['Music']

print(n)

a. Music

b. KeyError

c. m[Music]

d. Listen

67. What will be the output after the following statements?

```
m = lambda n: n**3
```

```
print(m(6))
```

a. 6

b. 18

c. 36

d. 216

68. What does the following statement do?

```
import os
```

a. Displays the operating system name and version

b. Imports the os module

c. Imports the os function

d. Imports the directory named os

69. What will be the output after the following statements?

```
m = 'Play'
```

```
n = 'Games'
```

```
print(n + m)
```

a. Play

b. Games

c. PlayGames

d. GamesPlay

70. What will be the output after the following statements?

```
m = 'Play'
```

```
n = m * 2
```

```
print(n)
```

a. PlayPlay

b. Play

c. Play2

d. Play*2

71. What will be the output after the following statements?

```
m = 'Play Games'
```

```
n = m[6]
```

```
print(n)
```

a. m[6]

b. Play Games

c. a

d. G

72. What will be the output after the following statements?

```
m = 'Play Games'
```

```
n = m[7:9]
```

```
print(n)
```

a. ame

b. Play Games

c. Game

d. me

73. What will be the output after the following statements?

```
m = 'Play Games'
```

```
n = m[:]
```

```
print(n)
```

a. ame

b. Play Games

c. Play

d. Games

74. What does the following statement do?

```
m = open('games.txt', 'r')
```

- a. Opens an existing text file named games.txt to read
- b. Opens an existing text file named games.txt to write
- c. Opens a new file named games.txt to read
- d. Opens an existing text file named games.txt to append

75. What does the following statement do?

```
m = open('games.txt', 'w')
```

- a. Opens a new file named games.txt to write
- b. Opens or creates a text file named games.txt to write
- c. Opens or creates a text file named games.txt to read
- d. Opens or creates a text file named games.txt to append

76. What does the following statement do?

```
x = open('games.txt', 'a')
```

- a. Opens a new file named games.txt to append
- b. Opens or creates a text file named games.txt to write
- c. Opens or creates a text file named games.txt to read
- d. Opens or creates a text file named games.txt to append

77. Who is the creator of Python?

- a. Albert Einstein
- b. Monty Python
- c. Leonardo da Vinci
- d. Guido Van Rossum

78. What will be the output after the following statements?

```
m = False
```

```
n = True
```

```
o = False
```

```
print(m and n and o)
```

- a. m and n
- b. True
- c. False
- d. Error

79. In the order of precedence, which of the operation will be completed first in the following statement?

```
7 * 4 + 9 - 2 / 3
```

- a. Addition
- b. Subtraction
- c. Multiplication
- d. Division

80. In the order of precedence, which of the operation will be completed last in the following statement?

```
7 * 4 + 9 - 2 / 3
```

- a. Addition
- b. Subtraction
- c. Multiplication
- d. Division

81. What will be the output after the following statements?

```
m = 36 / 4 % 2 * 5**3
```

```
print(m)
```

- a. 125.0
- b. 0
- c. 36
- d. 14.0

82. What will be the output after the following statements?

```
m = 8 / 4 * 10 + 6 **2
```

```
print(m)
```

- a. 32
- b. 45.0
- c. 56.0
- d. 0.0

83. What will be the output after the following statements?

```
m = [4, 8]
```

```
print(m * 3)
```

- a. [4, 8]
- b. [4, 8, 4, 8]
- c. [4, 8] * 3
- d. [4, 8, 4, 8, 4, 8]

84. What will be the output after the following statements?

```
m = 67
```

```
n = m
```

```
m = 72
```

```
print(m, n)
```

- a. 67 72
- b. 72 67
- c. 7267
- d. 72 72

85. What will be the output after the following statements?

```
m = 20 * 10 // 30
```

```
n = 20 * 10.0 // 40
```

```
o = 20.0 * 10 / 50
```

```
print(m, n, o)
```

- a. 6.5 5.0 4.5
- b. 6.0 5.0 4
- c. 5 6.0 4.0
- d. 6 5.0 4.0

86. What will be the output after the following statements?

```
m = 2
```

```
for n in range(3, 15, 5):
```

```
    n += m + 2
```

```
print(n)
```

- a. 14
- b. 16
- c. 17
- d. 19

87. What will be the output after the following statements?

```
m = False
```

```
print(m or not m)
```

- a. a
- b. False
- c. not a
- d. True

88. What will be the output after the following statements?

```
m = min(50, 25, 65, 0, 99)
```

```
print(m)
```

- a. 0
- b. 99
- c. 25

d. (50, 25, 65, 0, 99)

89. What will be the output after the following statements?

```
m = [50, 25, 65, 0, 99]
```

```
n = max(m)
```

```
print(n)
```

a. 0

b. 99

c. 25

d. (50, 25, 65, 0, 99)

90. How many times will `□ Music□` be printed after the following statements?

```
for i in range(3, 7):
```

```
print('Music')
```

a. 3

b. 4

c. 5

d. 6

91. What will be the output after the following statements?

```
m = 39
```

```
n = 61
```

```
o = (m + n) // 2
```

```
print(o)
```

a. 40.0

b. 50.0

c. 50

d. 55

92. What will be the output after the following statements?

```
m = 10*10**1
```

```
print(m)
```

a. 10

b. 1

c. 1000

d. 100

93. What will be the output after the following statements?

```
m = []
```

```
for n in range(6):
```

```
m.append(n*3)
```

```
print(m)
```

a. [3, 6, 9, 12, 15]

b. [0, 3, 6, 9, 12]

c. [0, 3, 6, 9, 12, 15]

d. []

94. What will be the output after the following statements?

```
m = [n*4 for n in range(3)]
```

```
print(m)
```

a. [0, 0, 0]

b. [0, 4, 8]

c. [0, 4, 8, 12]

d. [0, 4, 8, 12, 16]

95. What will be the output after the following statements?

```
m = [-5, -2, 0, 3, 4]
```

```
print([n*2 for n in m])
```

a. [-10, -4, 0, 6, 8]

b. [10, 4, 0, 6, 8]

c. [-10, -4, 0, 6]

d. [-10, -4, 0]

96. What will be the output after the following statements?

```
m = [5, 10, 35]
```

```
del m[:]
```

```
print(m)
```

a. [5, 10, 35]

b. []

c. [5, 35]

d. 5, 10, 35

97. What will be the output after the following statements?

```
m = 'A'
```

```
n = 'B'
```

```
o = 'C'
```

```
p = [m, n, o]
```

```
print(p)
```

a. ['C' , 'B' , 'A']

b. 'C' , 'A' , 'B'

c. ['C' , 'A' , 'B']

d. ['A' , 'B' , 'C']

98. What will be the output after the following statements?

```
m = list(range(7,10))
```

```
print(m)
```

a. [7, 8, 9, 10]

b. list([7, 8, 9])

c. [7, 8, 9]

d. 789

99. What will be the output after the following statements?

```
m = [10, 25, 35]
```

```
n = sum(m)
```

```
print(n)
```

a. 35

b. 25

c. 10

d. 70

100. What will be the output after the following statements?

```
m = ['Games', 'in', 'Python']
```

```
n = 'Play' + m[0] + m[1] + m[2]
```

```
print(n)
```

a. PlayGamesinPython

b. Play Games in Python

c. Games in Python

d. GamesinPython

101. What will be the output after the following statements?

```
m = ['Play']
```

```
n = ['Games', 'in', 'Python']
```

```
o = m + n
```

```
print(o)
```

a. [Games , in , Python , Play]

b. [Play Games , in , Python]

c. [Play , Games , in , Python]

d. [PlayGames , in , Python]

Answer Key

1. c

2. a
3. b
4. a
5. b
6. c
7. b
8. a
9. d
10. d
11. a
12. c
13. d
14. b
15. c
16. c
17. a
18. d
19. b
20. c
21. b
22. d
23. a
24. b
25. c
26. b
27. d
28. b
29. a
30. b
31. d
32. b
33. a
34. c
35. c
36. a
37. d
38. c
39. d
40. a
41. d
42. c
43. a
44. b
45. d
46. c
47. a
48. b
49. d
50. c
51. a
52. b
53. d
54. c
55. a

56. b
57. d
58. c
59. a
60. d
61. c
62. d
63. b
64. a
65. c
66. b
67. d
68. b
69. d
70. a
71. c
72. d
73. b
74. a
75. b
76. d
77. d
78. c
79. c
80. b
81. a
82. c
83. d
84. b
85. d
86. c
87. d
88. a
89. b
90. b
91. c
92. d
93. c
94. b
95. a
96. b
97. d
98. c
99. d
100. a
101. c