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’]