



Department of Computer Engineering

Important

22616 PWP MCQ (Programming With Python)

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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
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