**MCQ ON PYTHON**

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

**Answer - D**

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

**Answer - A**

1. 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

**Answer - B**

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

4 + 3 % 5

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

**Answer - A**

**5**.  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

**Answer - A**

**6 .** Which keyword is used for function in Python language?  
 a) Function  
 b) Def  
 c) Fun  
 d) Define

**Answer - B**

**7.** Which of the following functions can help us to find the version of python that we are currently working on?  
a) sys.version(1)  
b) sys.version(0)  
c) sys.version()  
d) sys.version

**Answer - A**

**8.**  Python supports the creation of anonymous functions at runtime, using a construct called \_\_\_\_\_\_\_\_\_\_  
a) pi  
b) anonymous  
c) lambda  
d) none of the mentioned

**Answer - C**

**9.**  What is the order of precedence in python?  
a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction  
b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction  
c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition  
d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

**Answer - D**

**10.** What will be the value of ‘result’ in following Python program?

list1 = [1,2,3,4]

list2 = [2,4,5,6]

list3 = [2,6,7,8]

result = list()

result.extend(i **for** i **in** list1 **if** i **not** **in** (list2+list3) **and** i **not** **in** result)

result.extend(i **for** i **in** list2 **if** i **not** **in** (list1+list3) **and** i **not** **in** result)

result.extend(i **for** i **in** list3 **if** i **not** **in** (list1+list2) **and** i **not** **in** result)

a) [1, 3, 5, 7, 8]  
 b) [1, 7, 8]  
 c) [1, 2, 4, 7, 8]  
 d) error

**Answer - A**

**11.** To add a new element to a list we use which Python command?  
 a) list1.addEnd(5)  
 b) list1.addLast(5)  
 c) list1.append(5)  
 d) list1.add(5)

**Answer - C**

**12**. What will be the output of the following Python code?

**print**('\*', "abcde".center(6), '\*', sep='')

a) \* abcde \*  
 b) \*abcde \*  
 c) \* abcde\*  
 d) \* abcde \*

**Answer - B**

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

1. >>>list1 = [1, 3]
2. >>>list2 = list1
3. >>>list1[0] = 4
4. >>>print(list2)

a) [1, 4]  
 b) [1, 3, 4]  
 c) [4, 3]  
 d) [1, 3]  
 **Answer - C**

**14**. Which one of the following is the use of function in python?  
 a) Functions don’t provide better modularity for your application  
 b) you can’t also create your own functions  
 c) Functions are reusable pieces of programs  
 d) All of the mentioned  
 **Answer - C**

**15**. Which of the following Python statements will result in the output: 6?

A = [[1, 2, 3],

[4, 5, 6],

[7, 8, 9]]

a) A[2][1]  
 b) A[1][2]  
 c) A[3][2]  
 d) A[2][3]  
 **Answer - B**

**16**. What is the maximum possible length of an identifier in Python?  
 a) 79 characters  
 b) 31 characters  
 c) 63 characters  
 d) none of the mentioned

**Answer - D**

**17.** What will be the output of the following Python program?

i = 0

**while** i < 5:

**print**(i)

i += 1

**if** i == 3:

**break**

**else**:

**print**(0)

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

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

x = 'abcd'

**for** i **in** range(len(x)):

**print**(i)

a) error  
 b) 1 2 3 4  
 c) a b c d  
 d) 0 1 2 3  
 **Answer - D**

**19**. What are the two main types of functions in Python?  
 a) System function  
 b) Custom function  
 c) Built-in function & User defined function  
 d) User function

**Answer - C**

**20.** What will be the output of the following Python program?

1. def addItem(listParam):
2. listParam += [1]
4. mylist = [1, 2, 3, 4]
5. addItem(mylist)
6. print(len(mylist))

a) 5  
 b) 8  
 c) 2  
 d) 1  
**Answer - A**

**21**. Which of the following is a Python tuple?  
 a) {1, 2, 3}  
 b) {}  
 c) [1, 2, 3]  
 d) (1, 2, 3)  
 **Answer - D**

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

z=set('abc$de')

'a' **in** z

a) Error  
 b) True  
 c) False  
 d) No output  
 **Answer - B**

**23.** What will be the output of the following Python expression?

round(4.576)

a) 4  
 b) 4.6  
 c) 5  
 d) 4.5  
 **Answer - C**

**24**. Which of the following is a feature of Python DocString?  
 a) In Python all functions should have a docstring  
 b) Docstrings can be accessed by the \_\_doc\_\_ attribute on objects  
 c) It provides a convenient way of associating documentation with Python modules, functions, classes, and methods  
 d) All of the mentioned  
 **Answer -D**

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

**print**("Hello {0[0]} and {0[1]}".format(('foo', 'bin')))

a) Hello (‘foo’, ‘bin’) and (‘foo’, ‘bin’)  
 b) Error  
 c) Hello foo and bin  
 d) None of the mentioned  
 **Answer - C**

**26.** What is output of print(math.pow(3, 2))?  
 a) 9.0  
 b) None  
 c) 9  
 d) None of the mentioned  
 **Answer - A**

**27**. Which of the following is the use of id() function in python?  
 a) Every object in Python doesn’t have a unique id  
 b) In Python Id function returns the identity of the object  
 c) None of the mentioned  
 d) All of the mentioned  
 **Answer - B**

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

x = [[0], [1]]

**print**((' '.join(list(map(str, x))),))

a) 01  
 b) [0] [1]  
 c) (’01’)  
 d) (‘[0] [1]’,)  
 **Answer - D**

**29.** 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 i …  
 d) error  
 **Answer - D**

**30**. 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 i …  
 c) a b c d e f  
 d) abcdef

**Answer - A**