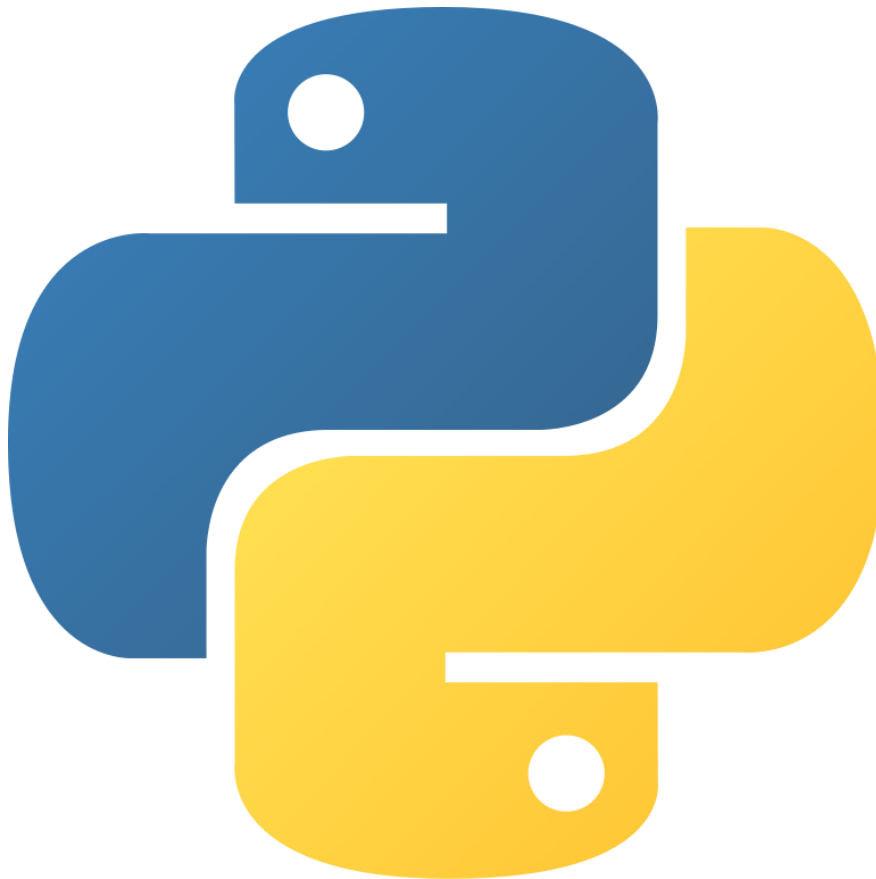




Python Programming Sample Questions





Multiple Choice Questions(MCQs)

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

2. Which of the following is an invalid variable?
 - a) my_string_1
 - b) 1st_string
 - c) foo
 - d) _

3. Which of the following cannot be a variable?
 - a) __init__
 - b) in
 - c) it
 - d) on

4. Which is the correct operator for power(x^y)?
 - a) X^y
 - b) $X**y$
 - c) $X^^y$
 - d) None of the mentioned



5. Which one of these is floor division?

- a) /
- b) //
- c) %
- d) None of the mentioned

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

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

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

7. 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

8. 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)`

9. 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

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

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

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

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

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

- a) `print(list1[0])`
- b) `print(list1[:2])`
- c) `print(list1[:-2])`
- d) all of the mentioned



13. Which of the following is a Python tuple?

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

14. Tuples can't be made keys of a dictionary.

- a) True
- b) False

15. Is the following Python code valid?

```
>>> a=(1,2,3)
>>> b=a.update(4,)
```

- a) Yes, a=(1,2,3,4) and b=(1,2,3,4)
- b) Yes, a=(1,2,3) and b=(1,2,3,4)
- c) No because tuples are immutable
- d) No because wrong syntax for update() method

16. Which of the following statements create a dictionary?

- a) d = {}
- b) d = {"john":40, "peter":45}
- c) d = {40:"john", 45:"peter"}
- d) All of the mentioned

17. Suppose d = {"john":40, "peter":45}, to delete the entry for "john"



what command do we use?

- a) `d.delete("john":40)`
- b) `d.delete("john")`
- c) `del d["john"]`
- d) `del d("john":40)`

18. Suppose `d = {"john":40, "peter":45}`. To obtain the number of entries in dictionary which command do we use?

- a) `d.size()`
- b) `len(d)`
- c) `size(d)`
- d) `d.len()`

19. What is called when a function is defined inside a class?

- a) Module
- b) Class
- c) Another function
- d) Method

20. Which of the following is the use of `id()` function in python?

- a) `Id` returns the identity of the object
- b) Every object doesn't have a unique `id`
- c) All of the mentioned
- d) None of the mentioned

21. How many keyword arguments can be passed to a function in a single function call?



- a) zero
 - b) one
 - c) zero or more
 - d) one or more
22. How are keyword arguments specified in the function heading?
- a) one-star followed by a valid identifier
 - b) one underscore followed by a valid identifier
 - c) two stars followed by a valid identifier
 - d) two underscores followed by a valid identifier
23. In _____ copy, the base address of the objects are copied. In _____ copy, the base address of the objects are not copied.
- a) deep. shallow
 - b) memberwise, shallow
 - c) shallow, deep
 - d) deep, memberwise
24. What is the base case in the Merge Sort algorithm when it is solved recursively?
- a) $n=0$
 - b) $n=1$
 - c) A list of length one
 - d) An empty list
25. Which module in Python supports regular expressions?



- a) re
- b) regex
- c) pyregex
- d) none of the mentioned

26. What does the function re.search do?

- a) matches a pattern at the start of the string
- b) matches a pattern at any position in the string
- c) such a function does not exist
- d) none of the mentioned

27. What is Instantiation in terms of OOP terminology?

- a) Deleting an instance of class
- b) Modifying an instance of class
- c) Copying an instance of class
- d) Creating an instance of class

28. Which of the following is false about protected class members?

- a) They begin with one underscore
- b) They can be accessed by subclasses
- c) They can be accessed by name mangling method
- d) They can be accessed within a class

29. 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

30. 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.