1. Is Python case sensitive when dealing with identifiers?

a) yes

b) no

c) machine dependent

d) none of the mentioned

2. What is the maximum possible length of an identifier?

a) 31 characters

b) 63 characters

c) 79 characters

d) none of the mentioned

3. Which of the following is invalid?

a) \_a = 1

b) \_\_a = 1

c) \_\_str\_\_ = 1

d) none of the mentioned

4. Which of the following is an invalid variable?

a) my\_string\_1

b) 1st\_string

c) foo

d) \_

5. Why are local variable names beginning with an underscore discouraged?

a) they are used to indicate a private variables of a class

b) they confuse the interpreter

c) they are used to indicate global variables

d) they slow down execution

6. Which of the following is not a keyword?

a) eval

b) assert

c) nonlocal

d) pass

7. All keywords in Python are in

a) lower case

b) UPPER CASE

c) Capitalized

d) None of the mentioned

8. Which of the following is true for variable names in Python?

a) unlimited length

b) all private members must have leading and trailing underscores

c) underscore and ampersand are the only two special characters allowed

d) none of the mentioned

9. Which of the following is an invalid statement?

a) abc = 1,000,000

b) a b c = 1000 2000 3000

c) a,b,c = 1000, 2000, 3000

d) a\_b\_c = 1,000,000

10. Which of the following cannot be a variable?

a) \_\_init\_\_

b) in

c) it

d) on

11. Which of these in not a core data type?

a) Lists

b) Dictionary

c) Tuples

d) Class

12. Given a function that does not return any value, What value is thrown by default when executed in shell.

a) int

b) bool

c) void

d) None

13. Following set of commands are executed in shell, what will be the output?

>>>str="hello"

>>>str[:2]

>>>

a) he

b) lo

c) olleh

d) hello

14. Which of the following will run without errors ?

a) round(45.8)

b) round(6352.898,2,5)

c) round()

d) round(7463.123,2,1)

15. What is the return type of function id ?

a) int

b) float

c) bool

d) dict

16. What error occurs when you execute?

apple = mango

a) SyntaxError

b) NameError

c) ValueError

d) TypeError

17. Carefully observe the code and give the answer.

def example(a):

a = a + '2'

a = a\*2

return a

>>>example("hello")

a) indentation Error

b) cannot perform mathematical operation on strings

c) hello2

d) hello2hello2

This set of Python Multiple Choice Questions & Answers (MCQs) focuses on “Lists”.

18. 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

19. What is the output when we execute list(“hello”)?

a) [‘h’, ‘e’, ‘l’, ‘l’, ‘o’].

b) [‘hello’].

c) [‘llo’].

d) [‘olleh’].

20. Suppose listExample is [‘h’,’e’,’l’,’l’,’o’], what is len(listExample)?

a) 5

b) 4

c) None

d) Error

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

a) 2445

b) 133

c) 12454

d) 123

22. Suppose list1 is [3, 5, 25, 1, 3], what is min(list1) ?

a) 3

b) 5

c) 25

d) 1

23. Suppose list1 is [1, 5, 9], what is sum(list1) ?

a) 1

b) 9

c) 15

d) Error

24. To shuffle the list(say list1) what function do we use ?

a) list1.shuffle()

b) shuffle(list1)

c) random.shuffle(list1)

d) random.shuffleList(list1)

25. 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

26. Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1] ?

a) Error

b) None

c) 25

d) 2

27. Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1] ?

a) [2, 33, 222, 14].

b) Error

c) 25

d) [25, 14, 222, 33, 2].

28. What data type is the object below ?

L = [1, 23, ‘hello’, 1].

a) list

b) dictionary

c) array

d) tuple

29. In order to store values in terms of key and value we use what core data type.

a) list

b) tuple

c) class

d) dictionary

30. What is the average value of the code that is executed below ?

>>>grade1 = 80

>>>grade2 = 90

>>>average = (grade1 + grade2) / 2

a) 85

b) 85.1

c) 95

d) 95.1