Python Questions and Answers

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 is the correct operator for power(x^y)?
a) X^y
b) Xy**
c) X^^y
d) None of the mentioned

12. Which one of these is floor division?
a) /
b) //
c) %
d) None of the mentioned

13. What is the order of precedence in python?
i) Parentheses
ii) Exponential
iii) Multiplication
iv) Division
v) Addition
vi) Subtraction
a) i,ii,iii,iv,v,vi
b) ii,i,iii,iv,v,vi
c) ii,i,iv,iii,v,vi
d) i,ii,iii,iv,vi,v

14. What is the answer to this expression, 22 % 3 is?
a) 7
b) 1
c) 0
d) 5

15. Mathematical operations can be performed on a string.?
a) True
b) False

16. Operators with the same precedence are evaluated in which manner?
a) Left to Right
b) Right to Left
c) Can't say
d) None of the mentioned

17. What is the output of this expression, 3*1**3?
a) 27
b) 9
c) 3
d) 1

18. . Which one of the following has the same precedence level?
a) Addition and Subtraction
b) Multiplication, Division and Addition
c) Multiplication, Division, Addition and Subtraction
d) Addition and Multiplication

19. Which one of the following has the highest precedence in the expression?
a) Exponential
b) Addition
c) Multiplication
d) Parentheses

20. Which of these in not a core data type?
a) Lists
b) Dictionary
c) Tuples
d) Class

21. 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

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

>>str="hello"

>>str[:2]

a) he
b) lo
c) olleh
d) hello

23. 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)

24. What is the return type of function id?
a) int
b) float
c) bool
d) dict

25. In python we do not specify types, it is directly interpreted by the compiler, so consider the following operation to be performed.

>>>x = 13 ? 2 objective is to make sure x has a integer value, select all that apply (python 3.xx)

a)x = 13 // 2
b) x = int(13 / 2)
c) x = 13 % 2
d) All of the mentioned

26. What error occurs when you execute the following Python code snippet?

apple = mango

a) SyntaxError
b) NameError
c) ValueError
d) TypeError

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

```
        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) <mark>hello2hello2</mark>

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. Which of the following results in a SyntaxError?
a) '"Once upon a time…", she said.'
b) "He said, 'Yes!'"
c) '3\'
d) "'That's okay'"

31. 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

32. Which of the following results in a SyntaxError?

a) '"Once upon a time…", she said.'

b) "He said, 'Yes!'"

c) '3\'

d) '"That's okay"'