1. Which type of Programming does Python support?
2. A) object-oriented programming
3. B) structured programming
4. C) functional programming
5. D) all of the mentioned

2. Is Python case sensitive when dealing with identifiers?

a) no

b) yes

c) machine dependent

d) none of the mentioned

3. 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

4. Which of the following is used to define a block of code in Python language?

a) Indentation

b) Key

c) Brackets

5.Which keyword is used for function in Python language?

a) Function

b) Def

c) Fun

d) Define

6. Which of the following character is used to give single-line comments in Python?

a) //

b) #

c) !

d) /*

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

```
I = 1
While True:
   If i%3 == 0:
      Break
   Print(i)

   I + = 1
```

a) 1 2 3

b) error

c) 1 2

d) none of the mentioned

8. 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

9. Python supports the creation of anonymous functions at runtime, using a construct called _____

a) pi

b) anonymous

c) lambda

d) none of the mentioned

10. 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

11. What will be the output of the following Python code snippet if x=1?

X<<2

a) 4

b) 2

c) 1

d) 8

12.What does pip stand for python?

a) unlimited length

b) all private members must have leading and trailing underscores

c) Preferred Installer Program

d) none of the mentioned

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

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

b) unlimited length

c) all private members must have leading and trailing underscores

d) none of the mentione

14. What are the values of the following Python expressions?

2**(3**2)

(2**3)**2

2**3**2

a) 512, 64, 512

b) 512, 512, 512

c) 64, 512, 64

d) 64, 64, 64

View Answer

15. Which of the following is the truncation division operator in Python?

a) |

b) //

c) /

d) %

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

L=[1, 0, 2, 0, 'hello', '', []]

List(filter(bool, l))

a) [1, 0, 2, 'hello', '', []]

b) Error

c) [1, 2, 'hello']

d) [1, 0, 2, 0, 'hello', '', []]

17. Which of the following functions is a built-in function in python?

a) factorial()

b) print()

c) seed()

d) sqrt()

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

a) Every object doesn't have a unique id

b) Id returns the identity of the object

c) All of the mentioned

d) None of the mentioned

19. The following python program can work with _____ parameters.

Def f(x):

   Def f1(*args, **kwargs):

       Print("Sanfoundry")

       Return x(*args, **kwargs)

Return f1

a) any number of

b) 0

c) 1

d) 2

20. What will be the output of the following Python function?

Min(max(False,-3,-4), 2,7)

a) -4

b) -3

c) 2

d) False

21. Which of the following is not a core data type in Python programming?

a) Tuples

b) Lists

c) Class

d) Dictionary

22. What will be the output of the following Python expression if x=56.236?

Print("%.2f"%x)

a) 56.236

b) 56.23

c) 56.0000

d) 56.24

23. Which of these is the definition for packages in Python?

a) A set of main modules

b) A folder of python modules

c) A number of files containing Python definitions and statements

d) A set of programs making use of Python modules

24. What will be the output of the following Python function?

Len(["hello",2, 4, 6])

a) Error

b) 6

c) 4

d) 3

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

X = 'abcd'

For I in x:

   Print(i.upper())

a) a B C D

b) a b c d

c) error

d) A B C D

26. What is the order of namespaces in which Python looks for an identifier?

a) Python first searches the built-in namespace, then the global namespace and finally the local namespace

b) Python first searches the built-in namespace, then the local namespace and finally the global namespace

c) Python first searches the local namespace, then the global namespace and finally the built-in namespace

d) Python first searches the global namespace, then the local namespace and finally the built-in namespace

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

For I in [1, 2, 3, 4][::-1]:
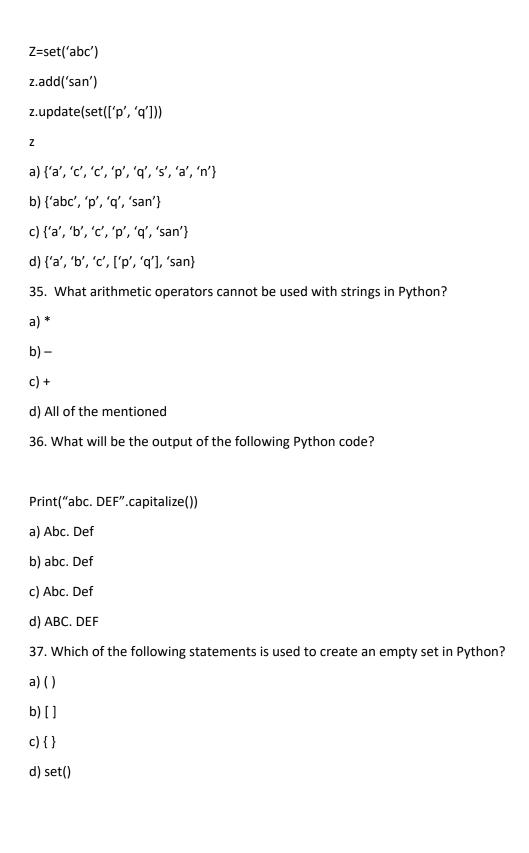
   Print (i)

a) 4 3 2 1

b) error

c) 1 2 3 4

d) none of the mentioned

28. What will be the output of the following Python statement?

>>>"a"+"bc"

a) bc

b) abc

c) a

d) bca

29. Which function is called when the following Python program is executed?

F = foo()

Format(f)

a) str()

b) format()

c) __str__()

d) __format__()

30. Which one of the following is not a keyword in Python language?

a) pass

b) eval

c) assert

d) nonlocal

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

Class tester:

  Def __init__(self, id):

    Self.id = str(id)

Id="224"

>>>temp = tester(12)

>>>print(temp.id)

a) 12

b) 224

c) None

d) Error

32. What will be the output of the following Python program?

Def foo(x):

   X[0] = ['def']

   X[1] = ['abc']

   Return id(x)

Q = ['abc', 'def']

Print(id(q) == foo(q))

a) Error

b) None

c) False

d) True

33. Which module in the python standard library parses options received from the command line?

a) getarg

b) getopt

c) main

d) os

34. What will be the output of the following Python program?

Z=set('abc')

z.add('san')

z.update(set(['p', 'q']))

z

a) {'a', 'c', 'c', 'p', 'q', 's', 'a', 'n'}

b) {'abc', 'p', 'q', 'san'}

c) {'a', 'b', 'c', 'p', 'q', 'san'}

d) {'a', 'b', 'c', ['p', 'q'], 'san}

35. What arithmetic operators cannot be used with strings in Python?

a) *

b) –

c) +

d) All of the mentioned

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

Print("abc. DEF".capitalize())

a) Abc. Def

b) abc. Def

c) Abc. Def

d) ABC. DEF

37. Which of the following statements is used to create an empty set in Python?
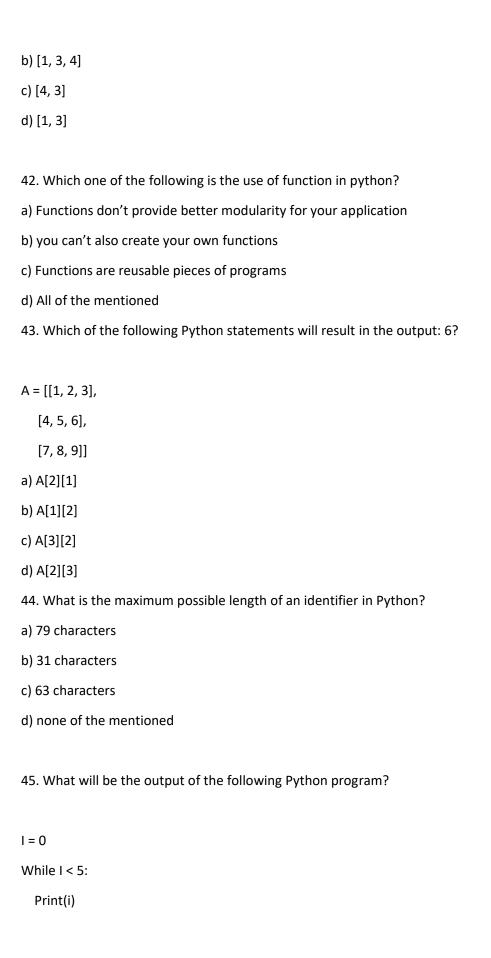
a) ( )

b) [ ]

c) { }

d) set()

38. 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

39. 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)

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

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

a) * abcde *

b) *abcde *

c) * abcde*

d) * abcde *

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

>>>list1 = [1, 3]

>>>list2 = list1

>>>list1[0] = 4

>>>print(list2)

a) [1, 4]

b) [1, 3, 4]

c) [4, 3]

d) [1, 3]

42. 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

43. 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]

44. 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

45. 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

46. 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

47. 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

48. What will be the output of the following Python program?

Def addItem(listParam):

```
listParam += [1]
```

mylist = [1, 2, 3, 4]

addItem(mylist)

print(len(mylist))

a) 5

b) 8

c) 2

d) 1

49. Which of the following is a Python tuple?

a) {1, 2, 3}

b) {}

c) [1, 2, 3]

d) (1, 2, 3)

50. 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