🕐 **39:50**   ∧

Python Weekly Test (3rd)

1. Write your name :-

   Enter your answer

2. Select your institute name :-

   ○ NSTI Calicut

   ○ NSTI Howrah

   ○ NSTI Kolkata

   ○ NSTI Vidyanagar

3. What will be the output of the following Python code?
   my_tuple = (1, 2, 3, 4)
   my_tuple.append((5, 6, 7))
   print len(my_tuple)
   (1 Point)

   ○ 1

   ○ 2

   ○ 5

   ○ Error

4. Select the correct output of the following String operations
   str1 = 'Welcome'

print (str1[:6] + ' PYnative') (1 Point)

○ Welcome PYnative

○ WelcomPYnative

○ Welcom PYnative

○ WelcomePYnative

5. Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]? (1 Point)

○ Error

○ None

○ 25

○ 2

6. What is the output of the expression : 3*1**3
   (1 Point)

○ 27

○ 9

○ 3

○ 1

7. Select the correct output of the following string operations
   myString = "pynative"
   stringList = ["abc", "pynative", "xyz"]
   print(stringList[1] == myString)
   print(stringList[1] is myString) (1 Point)

○ True / False

○ True / True

○ Error

8. Guess the correct output of the following code?
str1 = "PYnative" print(str1[1:4], str1[:5], str1[4:], str1[0:-1], str1[:-1]) (1 Point)

○ PYn PYnat ive PYnativ vitanYP

○ Yna PYnat tive PYnativ vitanYP

○ <mark>Yna PYnat tive PYnativ PYnativ</mark>

○ None of these

9. Find the output of the given Python program?
a = 25
if a < 15:
        print("Hi")
if a <= 30:
        print("Hello")
else:
        print("Know Program") (1 Point)

○ Hi

○ <mark>Hello</mark>

○ Know Program

○ Compiled Successfully, No Output.

10. A _____ statement skips the rest of the loop and jumps over to the statement following the loop.
(1 Point)

○ break

○ continue

○ if else

○ pass

11. To start Python from the command prompt, use the command _____
    (1 Point)

○ execute python

○ go python

○ python

○ run python

12.
   By default, the Python scripts are saved in ____
   (1 Point)

○ Document

○ Desktop

○ Python installation folder

○ D drive

13. What is the output of the following program :
    i = 0
    while i < 3:
        print (i)
        i += 1
    else:
        print (0)
    (1 Point)

○ 0 1 2 3 0

○ 0 1 2

○ `0 1 2 0`

○ Error

14. What keyword would you use to add an alternative condition to an if statement? (1 Point)

○ else if

○ elseif

○ `elif`

○ None of the above

15. What is the order of precedence in python?
i) Parentheses
ii) Addition
iii) Multiplication
iv) Division
v) Exponential
vi) Subtraction (1 Point)

○ `i,v,iii,iv,ii,vi`

○ ii,i,iii,iv,v,vi

○ ii,i,iv,iii,v,vi

○ i,v,ii,vi,iv,iii

16. Which of the following function convert a string to a float in python?
(1 Point)

○ int(x [,base])

○ long(x [,base])

○ float(x)

○ str(x)

17. What is the output of the following program :
    print (0.1 + 0.2 == 0.3) (1 Point)

○ True

○ Machine dependent

○ Error

○ False

18. To return the length of string s what command do we execute?
    (1 Point)

○ s.len()

○ len(s)

○ size(s)

○ s.size()

19. What arithmetic operators cannot be used with strings?
    (1 Point)

○ +

○ −

○ *

○ All of the mentioned

20. Which function overloads the >> operator?
    (1 Point)

○ more()

○ gt()

○ ge()

○ None of the above

21. Which of the following is a valid for loop in Python?
    (1 Point)

○ for(i=0; i<n; i++)

○ for i in range(0,5):

○ for i in range(0,5)

○ for i in range(5)

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

○ print(list1[2:])

○ print(list1[:2])

○ print(list1[:-2])

○ <mark>all of the mentioned</mark>

23. The lines beginning with a certain character and which are ignored by the compiler and not executed are called _____
(1 Point)

○ Operator

○ Operants

○ Functions

○ <mark>Comments</mark>

24. What is the output of the following program :
print ('abcefd'.replace('cd', '12')) (1 Point)

○ ab1ef2

○ <mark>abcefd</mark>

○ ab1efd

○ ab12ed2

25. What is a variable defined outside a function referred to as? (1 Point)

○ local variable

○ <mark>global variable</mark>

○ static Variable

○ automatic variable

26. _____ are the arguments passed to a function in correct positional order.
    (1 Point)

    ○ Default arguments

    ○ Required arguments

    ○ Keyword arguments

    ○ Variable-length arguments

27. Select all the parts that are absolutely needed to create and call a function.
    (1 Point)

    Please select at most 3 options.

    ☐ variables

    ☐ function header (including the definition and the name)

    ☐ function call

    ☐ return statement

    ☐ function body

28. Which of the following is not a complex number? (1 Point)

    ○ k = 2 + 3j

    ○ k = complex(2, 3)

    ○ k = 2 + 3l

    ○ k = 2 + 3J

29. Can we write if/else into one line in python?
(1 Point)

○   Yes

○ No

○ if/else not used in python

○ None of the above

30. Select the correct output of the following String operations
str = "my name is James bond";
print (str.capitalize()) (1 Point)

○ My Name Is James Bond

○ TypeError: unsupported operand type(s) for * or pow(): 'str' and 'int'

○ My name is james bond

○ None of these

31.
The _____Mod of python gives instant result of type statement
(1 Point)

○ interactive mode

○ script mode

○ combination of interactive And script mode

○ all of these

32. What does range() function returns ?
    (1 Point)

    ○ A list of numbers.

    ○ An Object object.

    ○ A range object.

    ○ A string object.

33. Which method should I use to convert String "welcome to the beautiful world
     of python" to "Welcome To The Beautiful World Of Python"
     (1 Point)

    ○ capitalize()

    ○ title()

    ○ All the above

    ○ None of these

34. What will be the output of the following Python code?
    t=(1,2,4,3)
    t[1:-1] (1 Point)

    ○ (1, 2)

    ○ (1, 2, 4)

    ○ (2, 4)

    ○ (2, 4, 3)

35. Find the output of the following program:

    nameList = ['Harsh', 'Pratik', 'Bob', 'Dhruv']
    pos = nameList.index("GeeksforGeeks")
    print (pos * 3)
     (1 Point)

    ○ GeeksforGeeks GeeksforGeeks GeeksforGeeks

    ○ Harsh

    ○ Harsh Harsh Harsh

    ○ ValueError: 'GeeksforGeeks' is not in list

36. Lambda is a function in python? (1 Point)

    ○ True

    ○ False

    ○ Lambda is a function in python but user can not use it.

    ○ None of the above

37. Given a string s = "Welcome", which of the following code is incorrect? (1 Point)

    ○ print s[0]

    ○ print s.lower()

    ○ s[1] = 'r'

    ○ print s.strip()

38. Which operator is overloaded by the or() function?
    (1 Point)

    ○ ||

    ○ |

    ○ //

    ○ /

39. What is the output of the following program :i = 0
    while i < 5:
       print(i)
       i += 1
       if i == 3:
          break
    else:
       print(0)
    (1 Point)

    ○ 0 1 2 0

    ○ 0 1 2

    ○ Error

    ○ None of the above

40. Which keyword is used to throw the control of the program to the beginning of
    a loop when certain condition is met ?
    (1 Point)

    ○ break

    ○ continue

    ○ raise

○ pass

41. Which of the following sequences would be generated in the given line of code?

range (5,0, -2)
(1 Point)

○ 5 4 3 2 1 0 -1

○ 5 4 3 2 1 0

○ 5 3 1

○ None of the above

42. Which one of the following is incorrect? (1 Point)

○ The variables used inside function are called local variables.

○ The local variables of a particular function can be used inside other functions, but these cannot be used in global space

○ The variables used outside function are called global variables

○ In order to change the value of global variable inside function, keyword global is used.

43. What function do you use to read a string?
(1 Point)

○ input("Enter a string")

○ eval(input("Enter a string"))

○ enter("Enter a string")

○ eval(enter("Enter a string"))

44. What is the output of the following program :
    i = 0
    while i < 3:
        print (i)
        i++
        print (i+1)
    (1 Point)

○ 0 1 2 3 4 5

○ `Error`

○ 1 0 2 4 3 5

○ 0 2 1 3 2 4

45. What is the output of the given below program?
    if 3 + 4 == 7:
        print("Hi")
    else:
        print("Know Program")
    print("Hello") (1 Point)

○ Hi

○ Know Program

○ `Hi / Hello`

○ Know Program / Hello

46. Which from the following is a jumping statement?
    (1 Point)

○ break statement

○ continue statement

○ pass statement

○ All of them

47. Operators with the same precedence are evaluated in which manner?
    (1 Point)

○ Left to Right

○ Right to Left

○ Can't say

○ None of the mentioned

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