**Python Test**

**1.** What is the output of the following?

**print**("Hello {name1} and {name2}".format(name1='foo', name2='bin'))

a) Hello foo and bin b) Hello {name1} and {name2}  
c) Error d) Hello and

**2.** Which of these about a dictionary is false

a)The values of a dictionary can be

**3.** Which is the correct operator for power(xy)?  
a) X^y b) X\*\*y  
c) X^^y d) None of the mentioned

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

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

**6.** What is the output of the following?

i = 0

**while** i < 5:

**print**(i)

i += 1

**if** i == 3:

**break**

**else**:

**print**(0)

a) 0 1 2 0 b) 0 1 2  
c) error d) none of the mentioned

**7.** What is the output of the following?

x = 123

**for** i **in** x:

**print**(i)

a) 1 2 3 b) 123  
c) error d) none of the mentioned

**8.** What is the output of the following?

d = {0: 'a', 1: 'b', 2: 'c'}

**for** x, y **in** d.items():

**print**(x, y)

a) 0 1 2 b) a b c  
c) 0 a 1 b 2 c d) none of the mentioned

**9.** What is the output when following code is executed ?

str1="helloworld"

str1[::-1]

a) dlrowolleh b) hello  
c) world d) helloworld

**10.** What is the output of the following?

**print**("xyyzxyzxzxyy".count('yy'))

a) 2 b) 0  
c) error d) none of the mentioned

**11.** 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

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

a) 1 b) 9  
c) 15 d) Error

**13.** What will be the output?

t=(1,2,4,3)

t[1:3]

a) (1, 2) b) (1, 2, 4)  
c) (2, 4) d) (2, 4, 3)

**14.** Which of the following statements is wrong about inheritance?

a) Protected members of a class can be inherited  
b) The inheriting class is called a subclass  
c) Private members of a class can be inherited and accessed  
d) Inheritance is one of the features of OOP

**15**. What is the output of the following piece of code?

**class** A():

**def** disp(self):

**print**("A disp()")

**class** B(A):

**pass**

obj = B()

obj.disp()

a) Invalid syntax for inheritance  
b) Error because when object is created, argument must be passed  
c) Nothing is printed  
d) A disp()

**16.** What is returned by math.ceil(3.4)?  
a) 3 b) 4  
c) 4.0 d) 3.0

**17.** What is displayed on executing print(math.fabs(-3.4))?  
a) -3.4 b) 3.4  
c) 3 d) -3

**18.** What does 3 ^ 4 evaluate to?  
a) 81 b) 12  
c) 0.75 d) 7

**19.** Which keyword is use for function?  
a) Fun b) Define  
c) Def d) Function

**20.** What is the output of below program?

1. **def** say(message, times = 1):
2. **print**(message \* times)
3. say('Hello')
4. say('World', 5)

a) Hello  
WorldWorldWorldWorldWorld  
b) Hello  
World 5  
c) Hello  
World,World,World,World,World  
d) Hello  
HelloHelloHelloHelloHello

**21.** Is the following piece of code valid?

a=(1,2,3,4)

**del** a

a) No because tuple is immutable  
b) Yes, first element in the tuple is deleted  
c) Yes, the entire tuple is deleted  
d) No, invalid syntax for del method

**22.** Read the code shown below carefully and point out the global variables:

y, z = 1, 2

**def** f():

**global** x

x = y+z

a) x b) y and z  
c) x, y and z d) Neither x, nor y, nor z

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

a) seed() b) sqrt()  
c) factorial() d) print()

**24**. What is the result of the snippet of code shown below if x=1?

x<<2

a) 8  
b) 1  
c) 2  
d) 4

**25**. What will be the output?

1. def m(list):
2. v = list[0]
3. for e in list:
4. if v < e: v = e
5. return v
7. values = [[3, 4, 5, 1], [33, 6, 1, 2]]
9. for row in values:
10. print(m(row), end = " ")

a) 3 33 b) 1 1  
c) 5 6 d) 5 33