1) What is the maximum possible length of an identifier?

a. 16
   b. 32
   c. 64
   d. None of these above

2) Who developed the Python language?

a. Zim Den
   b. Guido van Rossum
   c. Niene Stom
   d. Wick van Rossum

3) In which year was the Python language developed?

a. 1995
   b. 1972
   c. 1981
   d. 1989

4) In which language is Python written?

a. English
   b. PHP
   c. C
   d. All of the above

5) Which one of the following is the correct extension of the Python file?

a. .py
   b. .python
   c. .p
   d. None of these

6) In which year was the Python 3.0 version developed?

a. 2008
   b. 2000
   c. 2010

d. 2005

7) What do we use to define a block of code in Python language?

a.   Key

b.   Brackets

c.   Indentation

d.   None of these

8) Which character is used in Python to make a single line comment?

a.   /

b.   //

c.   #

d.   !

9) Which of the following statements is correct regarding the object -oriented programming concept in Python?

a.   Classes are real-world entities while objects are not real

b.   Objects are real-world entities while classes are not real

c.   Both objects and classes are real -world entities

d.   All of the above

10) Which of the following statements is correct in this python code?

1.   class Name:
2.   def init (javatpoint):
3.   javajavatpoint = java
4.   name1=Name("ABC")
5.   name2=name1

a.   It will throw the error as multiple references to the same object is not possible

b.   id(name1) and id(name2) will have same value

c.   Both name1 and name2 will have reference to two different objects of class Name

d.   All of the above

11) What is the method inside the class in python language?

a.   Object

b.   Function

c.   Attribute

d. Argument

12) Which of the following declarations is incorrect ?

a. _x = 2

b. __x = 3

c. _xyz = 5

d. None of these

13) Why does the name of local variables start with an underscore discouraged?

a. To identify the variable

b. It confuses the interpreter

c. It indicates a private variable of a class

d. None of these

14) Which of the following is not a keyword in Python language?

a. val

b. raise

c. try

d. with

15) Which of the following statements is correct for variable names in Python language?

a. All variable names must begin with an underscore.

b. Unlimited length

c. The variable name length is a maximum of 2.

d. All of the above

16) Which of the following declarations is incorrect in python language?

a. xyzp = 5,000,000

b. x y z p = 5000 6000 7000 8000

c. x,y,z,p = 5000, 6000, 7000, 8000

d. x_y_z_p = 5,000,000

17) Which of the following words cannot be a variable in python language?

a. _val

b. val

c. <mark>try</mark>

d. _try_

18) Which of the following operators is the correct option for power(ab)?

a. a ^ b

b. <mark>a**b</mark>

c. a ^ ^ b

d. a ^ * b

19) Which of the following precedence order is correct in Python?

a. <mark>Parentheses, Exponential, Multiplication, Division, Addition, Subtraction</mark>

b. Multiplication, Division, Addition, Subtraction, Parentheses, Exponential

c. Division, Multiplication, Addition, Subtraction, Parentheses, Exponential

d. Exponential, Parentheses, Multiplication, Division, Addition, Subtraction

20) Which one of the following has the same precedence level?

a. Division, Power, Multiplication, Addition and Subtraction

b. <mark>Division and Multiplication</mark>

c. Subtraction and Division

d. Power and Division

21) Which one of the following has the highest precedence in the expression?

a. Division

b. Subtraction

c. Power

d. <mark>Parentheses</mark>

22) Which of the following functions is a built -in function in python language?

a. val()

b. <mark>print()</mark>

c. print()

d. None of these

23) Study the following function:

1. round(4.576)

What will be the output of this function?

a. 4

   b.   6

   c.   576

   ==d. 5==

24) Which of the following is correctly evaluated for this function?

1. pow(x,y,z)

   a. $(x^{**}y) / z$

   b. $(x / y) * z$

   ==c. $(x^{**}y) \% z$==

   d. $(x / y) / z$

25) Study the following function:

1. all([2,4,0,6])

What will be the output of this function?

==a.   False==

   b.   True

   c.   0

   d.   Invalid code

26) Study the following program:

```
1. x = 1
2. while True:
3.    if x % 5 = = 0:
4.       break
5.    print(x)
6.    x + = 1
```

What will be the output of this code?

==a.   error==

b. 2 1

c. 0 3 1

d. None of these

27) Which one of the following syntaxes is the correct syntax to read from a simple text file stored in "d:\java.txt"?

a.   Infile = open("d:\\java.txt", "r")

b.   Infile = open(file="d:\\\java.txt", "r")

c.   Infile = open("d:\java.txt","r")

d.   Infile = open.file("d:\\java.txt","r")

28) Study the following code:

```
1.   x = ['XX', 'YY']
2.   for i in a:
3.      i.lower()
4.   print(a)
```

What will be the output of this program?

a.   ['XX', 'YY']

b. ['xx', 'yy']

c.   [XX, yy]

d.   None of these

29) Study the following function:

```
1.   import math
2.   abs(math.sqrt(36))
```
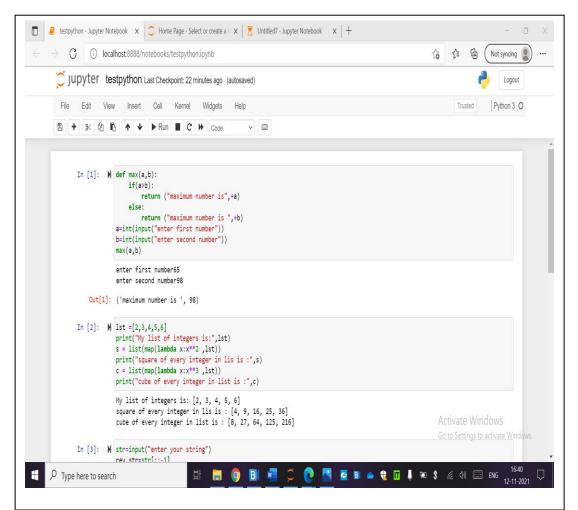
What will be the output of this code?

a.   Error

b.   -6

c.   6

d. 6.0

30) Study the following function:

```
1.   any([5>8, 6>3, 3>1])
```

What will be the output of this code?

a.   False

<mark>b.   True</mark>

c.   Invalid code

d.   None of these

Programs

1. Write a function that returns the maximum of two numbers.
2. Write a Python program to square and cube every number in a given list of integers using Lambda
3. Write a Python program that accepts a word from the user and reverse it.
4. Write a Python program to find those numbers which are divisible by 7
5. Write a Python program to multiplies all the items in a list.
6. Write a Python class named square constructed by a length and width and a method which will compute the area of square.

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File   Edit   View   Insert   Cell   Kernel   Widgets   Help   Trusted   Python 3

▶ Run   ■   C   ⏭   Code

```
In [3]:  str=input("enter your string")
         rev_str=str[::-1]
         print(rev_str)

         enter your stringmukul
         lukum
```

```
In [4]:  list1=[]
         for i in range(0,100,1):
             if(i%7==0):
                 list1.append(i)
         print(list1)

         [0, 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91, 98]
```

```
In [5]:  list1=[2,3,4,5,6]
         res=1
         for i in list1:
             res=res*i
         print(res)

         720
```

```
In [6]:  class Square:
             def area(self,length,width):
                 self.length=length
                 self.breath=width
                 print(length*width)
```

Type here to search   ENG   16:4   12-11-

```
In [6]:  class Square:
             def area(self,length,width):
                 self.length=length
                 self.breath=width
                 print(length*width)
         m=Square()
         m.area(7,8)

         56
```

```
In [ ]:
```