

**Python**

Total Marks: 25 Name:

Mark scored: Starting time:

Finishing time:

Answer the following: 25x1=25

1. 1) What will be the output of below Python code?

list1=[8,0,9,5]

print(list1[::-1])

A. [5,9,0,8]  
B. [8,0,9]  
C. [8,0,9,5]  
D. [0,9,5]

2) Which of the following Python code will create a set?  
(i) set1=set((0,9,0))  
(ii) set1=set([0,2,9])  
(iii) set1={}

A. iii  
B. i and ii  
C. ii, iii  
D. All of the above

3)What will the below Python code do?

set1={"a",3,"b",3}

set1.remove(3)

A. It removes element with index position 3 from set1  
B. It removes element 3 from set1  
C. It removes only the first occurance of 3 from set1  
D. No such function exists for set

4) Check the given number is positive or negative .to get the input from user.

5) Which of the following is not used as loop in Python?

A. for loop  
B. while loop  
C. do-while loop  
D. None of the above

6) Which statement will check if a is equal to b?

A. if a = b:  
B. if a == b:  
C. if a === c:  
D. if a == b

7) What will be the output of below Python code?

tuple1=(2,4,3)

tuple3=tuple1\*2

print(tuple3)

A. (4,8,6)  
B. (2,4,3,2,4,3)  
C. (2,2,4,4,3,3)  
D. Error

8) Which of the following two Python codes will give same output?  
(i) print(tupl[:-1])  
(ii) print(tupl[0:5])  
(iii) print(tupl[0:4])  
(iv) print(tupl[-4:])

If tupl=(5,3,1,9,0)

A. i, ii  
B. ii, iv  
C. i, iv  
D. i, iii

9) The \_\_\_\_\_\_\_\_ statement is a null operation.

A. break  
B. exit  
C. return  
D. pass

10) How many objects and reference variables are there for the given Python code?

class A:

print("Inside class")

A()

A()

obj=A()

A. 2 and 1  
B. 3 and 3  
C. 3 and 1  
D. 3 and 2

11) Which of the following is False with respect Python code?

class Student:

def \_\_init\_\_(self,id,age):

self.id=id

self.age=age

std=Student(1,20)

A. "std" is the reference variable for object Student(1,20)  
B. id and age are called the parameters.  
C. Every class must have a constructor.  
D. None of the above

12) What will be the output of below Python code?

class Student:

def \_\_init\_\_(self,name,id):

self.name=name

self.id=id

print(self.id)

std=Student("Simon",1)

std.id=2

print(std.id)

A. 1  
    1  
B. 1  
    2  
C. 2  
    1  
D. 2  
    2

13) What will be the output of below Python code?

class A():

def \_\_init\_\_(self,count=100):

self.count=count

obj1=A()

obj2=A(102)

print(obj1.count)

print(obj2.count)

A. 100  
    100  
B. 100  
    102  
C. 102  
    102  
D. Error

14. Which of the following is correct?

class A:

def \_\_init\_\_(self,name):

self.name=name

a1=A("john")

a2=A("john")

A. id(a1) and id(a2) will have same value.  
B. id(a1) and id(a2) will have different values.  
C. Two objects with same value of attribute cannot be created.  
D. None of the above

15. Which of the following is correct?

class A:

def \_\_init\_\_(self):

self.count=5

self.count=count+1

a=A()

print(a.count)

A. 5  
B. 6  
C. 0  
D. Error

16. Which of the following is correct?

class Book:

def \_\_init\_\_(self,author):

self.author=author

book1=Book("V.M.Shah")

book2=book1

A. Both book1 and book2 will have reference to two different objects of class Book.  
B. id(book1) and id(book2) will have same value.  
C. It will throw error as multiple references to same object is not possible.  
D. None of the above

17. In python, what is method inside class?

A. attribute  
B. object  
C. argument  
D. function

18. Which of the following is not valid variable name in Python?

A. \_var  
B. var\_name  
C. var11  
D. 11var

19. What is the output of the following code : print(5+2\*8/2)

A. 8  
B. 23  
C. 13  
D. Error

20. str1="Information"

print(str1[2:8])

A.format  
B. formatio  
C. orma  
D. ormat

21. str1="Stack of books"

print(len(str1))

A. 13  
B. 14  
C. 15  
D. 16

22. str1="6/3"

print("str1")

A. 2  
B. 6/3  
C. error  
D. str1

23. What is the output of the following code

print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))

A. True True True True

B. True False False False

C. False True True True

D. False False False False

24. What is output for following program?

x=(“my”)

y=(“age”)

z= 25

print(x+y+z)

A . my age 25

B. my age

C. 25

D. error

25. Print(type(“2.5”)

A. float

B. int

C. str

d. error

**OUTPUT:**

1) Ans : a

2) Ans : d

3) Ans : b

4) x=int(input("enter a number"))  
if(x>=0):  
 print("postive")  
else:  
 print("negative")

Output: enter a number3

Positive

5) Ans : c

6) Ans : b

7) Ans : b

8 Ans : d

9) Ans : d

10.Ans : C

11. Ans : C

12. Ans : B

13. Ans : B

14. Ans : B

15. Ans : D

16. Ans : B

17. Ans : D

18. Ans :D

19 Ans :.C

20. Ans :A

21. Ans :B

22. Ans :D

23. Ans :C

24. Ans :D

25. Ans :C