PYTHON INTRODUCTION

1. What will be the output of the following code snippet?

print(2\*\*3 + (5 + 6)\*\*(1 + 1))

1. 129
2. 121
3. 166
4. 906

Answer A

1. Which type of Programming does Python support?  
   a) object-oriented programming  
   b) structured programming  
   c) functional programming  
   **d) all of the mentioned**

Answer d

1. Is Python case sensitive when dealing with identifiers?  
   **a) no**  
   b) yes  
   c) machine-dependent  
   d) None of the mentioned

Answer A

1. 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

Answer B

1. All keywords in Python are in \_\_\_\_\_\_\_\_\_  
   a) Capitalized  
   b) lower case  
   c) UPPER CASE  
   **d) None of the mentioned**

Answer D

1. What will be the value of the following Python expression?  
   4 + 3 % 5  
   **a) 7**  
   b) 2  
   c) 4  
   d) 1

Answer A

1. Which keyword is used for function in Python language?  
   a) Function  
   **b) Def**  
   c) Fun  
   d) Define

Answer B

1. 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

Answer A

1. Python supports the creation of anonymous functions at runtime, using a construct called \_\_\_\_\_\_\_\_\_\_  
   a) pi  
   b) anonymous  
   **c) lambda**  
   d) none of the mentioned

Answer C

1. What will be the output of the following Python code snippet if x=1?  
   x<<2  
   **a) 4**  
   b) 2  
   c) 1  
   d) 8

Answer A

1. 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

Answer C

1. 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 mentioned

Answer B

1. What is the output of the following?

x = 'abcd'

for i in range(len(x)): i.upper()

print (x)

a) a b c d

b) 0 1 2 3

1. error
2. none of the mentioned

Answer C

14.What is the output of the following?

x = "abcdef" while i in x:

print(i, end=" ")

1. a b c d e f
2. abcdef
3. i i i i i i …
4. error

Answer D

15. What is the output of the following? d = {0: 'a', 1: 'b', 2: 'c'}

for i in d: print(i)

a) 0 1 2

1. a b c
2. 0 a 1 b 2 c
3. none of the mentioned

Answer A

16. What is the output of the following? i = 1

while True:

if i%2 == 0: break

print(i) i += 2

1. 1
2. 1 2

c) 1 2 3 4 5 6 …

d) 1 3 5 7 9 11 …

Answer D

17. Which of the following is the truncation division operator in Python?  
a) |  
**b) //**  
c) /  
d) %

Answer b

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

Answer B

19. he 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

Answer A

20. 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**

**Answer D**

21. Study the following program:

i = 2, 10

j = 3, 5

add = i + j

print(add)

**What will be the output of this program?**

1. (5, 10)
2. 20
3. (2, 10, 3, 5)
4. Syntax Error: invalid syntax

Ans C

22. Study the following program:

i = 2

j = 3, 5

add = i + j

print(add)

**What will be the output of this program?**

1. 5, 5
2. 5
3. (2 , 3 , 5)
4. Type Error

Ans D

23. How many control statements python supports?

1. Four
2. Five
3. Three
4. None of the these

Ans C

24. All keyword in python are in

A. Lowercase  
B. Uppercase  
C. Both uppercase & Lowercase  
D. None of the above

Ans C

25. Which of the following statement is False?

A. Variable names can be arbitrarily long.  
B. They can contain both letters and numbers.  
C. Variable name can begin with underscore.  
D. Variable name can begin with number.

Ans D

26. What is the output of the following code : print 5//2

A. 2  
B. 2.5  
C. 2.0  
D. Error

Ans A

27. What is the output of the following code : print 10%2

A. 5  
B. 2.5  
C. 0  
D. Error

Ans C

28. What is the output of the following code : print 100/2

A. 50.0  
B. 50  
C. 0  
D. Error

Ans A

29. Which of this statement will give an error?

A. a++  
B. ++a  
C. a+=1  
D. Both A and B

Ans : D

30. Which operator is used to calculate power of x raise to y.

A. x^y  
B. x\*y  
C. x\*\*y  
D. None of the above

Ans C

31. What is the output of the following code : print 10\*\*2

A. 100.0  
B. 100  
C.20  
D. Error

Ans A

32. "in" is a operator in python?

A. True  
B. False  
C. Neither true nor false  
D. None of the above

Ans A

33. What will be the output of the following code

a = 1

b +=a

print(b is a)

A. True  
B. False  
C. Error  
D. None of the abov

Ans A

34. What will be the output of above Python code?

str1="6/4"

print("str1")

A. 1  
B. 6/4  
C. 1.5  
D. str1

Ans D

35. Which of the following will result in an error?

str1="python"

A. print(str1[2])  
B. str1[1]="x"  
C. print(str1[0:9])  
D. Both (b) and (c)

Ans B

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

str1="Information"

print(str1[2:8])

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

Ans A

37. What will be the output of below Python code?

str1="Aplication"

str2=str1.replace('a','A')

print(str2)

A. application  
B. Application  
C. ApplicAtion  
D. applicAtion

Ans C

38. Which of the following will give "Simon" as output?

If str1="John,Simon,Aryan"

A. print(str1[-7:-12])  
B. print(str1[-11:-7])  
C. print(str1[-11:-6])  
D. print(str1[-7:-11])

Ans C

39. What will following Python code return?

str1="Stack of books"

print(len(str1))

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

Ans B

40.What will the below Python code will return?

If str1="save paper,save plants"

str1.find("save")

A. It returns the first index position of the first occurrence of "save" in the given string str1.  
B. It returns the last index position of the last occurrence of "save" in the given string str1.  
C. It returns the last index position of the first occurrence of "save" in the given string str1.  
D. It returns the first index position of the first occurrence of "save" in the given string str1.

Ans A