Chapter-4(Operators,Expressions And Python Statement)

Q1. Which operator is used for concatenate two strings.

Ans. +

Q2. Which operator returns he quotient after division.

Ans. //

Q3.which operator is used to calculate remainder after division.

Ans. %

Q4. Which operator repeats a list for the given number of items.

Ans. *

Q5. ____is the name of the operator ** in python.

Ans. Exponentiation

Q6. Conditional statement are also known as _____

Ans. Decision–making

Q7 The condition in the f statement should be in the form of_____

Ans. Relational or logical operator

Q8. Which keyword would you use to add an alternative condition to an if statement.

Ans. elif

Q9. A sentinel-controlled loop can be implemented using ____

Ans. for

Q10. _____ generaters a list of numbers, to iterate over with for loops.

Ans. Range()

Q11. _____function returned an iterator a sequence object.

Ans. xrange()¬

Q12. Which statement lets the program go through the piece of code without performing any action.

Ans. pass

Q13. _____ Occurs when you execute the following python code snippet.

Ans. Nameerror

Q14. The _____ statement is used for exiting from the loop.

Ans. break

Q15. Which statement is used to jumps back to the top of the loop for the next iteration.

Ans. continue

Q16. Which loop is not supported in python.

Ans. do-while

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Q17. _____ continues repeating without a terminating condition.

Ans. Infinite loop

Q18._____zip() functions takes iterables (can be zero or more),makes iterator that aggregates elements based on the iterables passed, and retuns an iterator of tuples.

Ans. zip()

Q19.>>>x=4

>>>print(x<<2)

Ans. 16

Q20. for i in range(65,70):

print(chr(i))

Ans. ABCDE

Q21. ____will be the output of the following code.

```
n=5
while n>0:
    n-=1
    if n==2:
        continue
    print(n)
```

Ans. 4310

Q22. What is th e purpose of the elif keyword in Python?

Ans. To execute a block of code if the preceding if statement is false and the condition of elif is true

Q23._____will be the output the output of the following code.

```
M=['b' *x for x in range(4)]
print(M)
```

Ans.["","","b","bb","bbb"]

Q24._____will be the output the output of the following code.

```
y='klmn'
for I in range(len(y)):
    print(y)
```

Ans.0 1 2 4

Q25. Operators with the same precedence are evaluated in which manner?

Ans. Left to Right

Q26.Which of the following expression is correct.

a) 10-(5*5)= -15 b)-7*(10/2)=-35.0

c) 21%4=1 d) all of the above

Q27. What are the value of the following python expressions?

2(3**2)**

(23)**2**

23**2**

a) 512,64,512 b)512,512,512

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b) 64,512,64 d)64,64,64

Q28. Which of the following expression value is correct.

a)3**(2**2)=81 b) 1**(3**2)=1

c) (2**2)**2=16 d) all of the above

Q29. What will be the output of the following Python list comprehension?

Print([j for I in range(2,8)

for j in range (i*2,50,i)])

a) A list of prime numbers up to 50

b) A list of non prime numbers, up to 50

c) A list of numbers divisible by 2, up to 50

d) Error

Q30. Amongst which of the following is/are the conditional statement in Python code?

a) If a<=100:

b) If (a>=10)

c) If (a=>200)

d) None of the mentioned above

Q31. What will be the output of the given program segment?

a=10

b=5

If(a%b==0);

Print("Greater")

If(a//b==0):

Else:

Print("sooo sorry")

a) Example b)Greater sooo sorry

b) Error d)none of the above

Q32.what will be the output after the following statement?

X=2

If x<5:

Print(x)

else:

Pass

a) 2 3 4 b) 1 2 3 4

c)2 d) none of these

Q33. What will be the output of the following program on execution?

If false:

Print("inside if block")

Elif true:

Print("inside if block")

Else:

Print("inside else block")

a)inside if block B) inside elif block

c) inside else block d) Error

Q34. What will be output after execution of the following code?

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```
a=1
While true :
 If a%7==0:
 break
 print(a)
 a+=1
```

a) 1 2 3 45 b)1 2 3 4 5 6

b) 1 2 3 4 5 6 7 d) none of these

Q35. What will be the result of following Python code snippet after execution ?

```
Str1=" "
I=0
Var2=1
While(i<3):
 Var1=1
 If str1:
 Var2=var1*var2+5
 Else:
 Var2=var1*var2+1
 I=i+1
Print(var2)
```

a)16 b)12

c)11 d)4

Q36. Which of the following is the correct output of this program?

```
i=0
While i<3:
 print(i)
 i+=1
Else:
 print(0)
```

a) 0 1 b) 0 1 2

c)0 1 2 0 d) 0 1 2 0 3

Q37. What will be the output after the following statement?

```
For I in range(1,6):
 Print(I, end=' ')
 If i==3:
 Break
```

a) 1 2 b) 1 2 3

c)1 2 3 4 d) 1 2 3 4 5

Q38. What will be the output of the following code ?

```
I=1
While 1:
 If i%3==0:
 Break
 Print(i)
 I+=1
```

a)1 2 3 b)1

c) 1 2 d) 0

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Q39. What will be the output of the following code snippet?

```
Count=0
While(True):
 If count %3==0:
 Print(count, end=" ")
 If(count>15 ):
 break;
 count +=1
```

a) 0 1 2 ……15

b) Infinite loop

c) 0 3 6 9 12 15

d) None of the above

Q40. What will be the output of the following code snippet?

```
Word ="Python Programming"
n=len(word)
word1=word.upper()
word2=word.lower()
converted_word.=" "
for I in range(n):
if I %2 ==0:
 converted_wod += word2[i]
else:
 converted_word +=word[i]
print(converted_word)
```

a)Python Programming

b)pythoN PrOgRaMmInG

c)python programming

d)PYTHON PROGRAMMING

Q41. What will be the output of the following python code?

```
X="abcd"
For I in range(x):
 Print)'I')
```

a)a b c d b)0 1 2 3

c) error d)none of the above

Q42. What will be the output of the following code snippet?

```
Z="abc"
J="j"
While j in z:
 Print(j,end=" ")
```

a)abc b)ABC

c)No output d)none of the above

Q43. What will be the output of the following python code ?

```
I=1
While True:
 If i%2==0:
 Break
 Print(i)
```

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I += 2

a) 1 b) 1 2 5 8 9

c)1 3 5 7 9 1 1….. d) none

Q44. What will be the output of the following code snippet?

```
I=0
While i<5:
 Print(i)
 I+=1
 If i=3:
 break
else:
 print(0)
```

a) 0 1 2 b) 0 1 2 3

b) 0 1 2 3 4 d) 3 2 1

Q45. Which of the following is the output of this program?

```
True=False
While True:
 Print(True)
 break
```

a) True b)False

c)Error d)None of these

Q46. Which of the following is the output of this program?

```
I=1
While False:
 If i%2==0:
 Break
 Print(i)
 I+=2
```

a)1 b)1 3 5 7

c) 1 2 3 4 d)None of the above

Q47. Which of the following is the output of this program?

```
I=5
While true:
 If i%0011==0:
 Break
Print(i)
I+=1
```

a) 5 6 7 8 9 10 b) 5 6 7 8

b) 5 6 d)None of these

Q48. Which of the following is the output of this program?

```
I=1
While True:
 If i%007==0:
 break
 print(i)
 i+=1
```

a) 1 2 3 4 5 6 b) 1 2 3 4 5 6 7

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b) 1 2 3 4 5 d)Error

Q49. Which of the following is the output of this program?

```
I=5
While True:
 If i%009==0:
 break
 print(i)
 i+=1
```

a)5 6 7 8

b)5 6 7 8 9

c)SyntaxError: Invalid digit '9' in octal literal

d) None of these

Q50. What dose the following code print?

```
If 2+5==8:
 Print("True")
Else:
 Print("False")
Print("True")
```

a)True b)True False

c)True True d)False True

Q51. What will be the output of the following Pythoncode?

```
For I in range(10):
 If i==5:
 break
 else:
 print(i)
else:
 print("Here")
```

a) 0 1 2 3 4 Here b)0 1 2 3 4 5 Here

c)0 1 2 3 4 d)1 2 3 4 5

52. Find the output of the following python code?

```
I=0
Sum=0
While i<9:
If i%4==0:
Sum= sum + i
I =i+2
Print(sum)
```

a) Infinite b)12

c)14 d)None of these

Q53. What will be the output of the following Python code?

```
For I in 'abcd'*: :-1]:
 Print(i)
```

a) a b c d b) d c b a

b) Error d)None of the above

Q54. Which of the following is False regarding loops in Python?

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a) Loops are used to perform certain tasks repeatedly.

b) While loop is used when multiple statements are to executed repeatedly until the given

condition becomes False.

c) While loop is used when multiple statements are to executed repeatedly until the given

condition becomes True.

d) For loop can be used to iterate through the elements of list.

Q55. What will be the output of the following Python code?

```
For I in range(2,0):
Print(i)
```

a)0.0 1.0

b)0 1

c) TypeError: 'float" object can not be interpreted as an integer.

d)none of the mentioned.

Q56. What will be the output after the following statement?

```
a=0
b=3
while a+b<8L:
a+=1
print(a,end=' ')
```

a)0 1 2 3 4 b) 1 2 3 4 5 6

c) 1 2 3 4 5 d)None of these

Q57. To access a list which contains ten elements, which of the following uses of range()

would produce a list of the desired indexes?

a) range(1,10) b)range(0,9)

c)range(10) d)range(1,11)

Q58. Find the output of the following program segments:

```
country = 'INDIA'
for I in country:
print(I, end=' ')
```

a)INDIA b) I N D I A

C)INDI d) None of these

Q59. range(3) in Python is equivalent to:

a)range(0,3,1) b)range(1,4,1)

c)range(1,3) d)range(1,3,0)

Q60. Write the output of the following code:

```
s="OLEVEL"
for I in range(-1,-len(s),-1):
print(s*i+,end="$")
```

a)LEVELO B)LEVEL$

C)Error d)None

Q61. What will be the output of the following ?

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Print((range(4)))

a) 0,1,2,3 b) [0,1,2,3]

c)Range(0,4) d) (0,1,2,3)

Q62. What will be the final value of I after execution of the loop:

For I in range (10):

Print(I)

a) 10 b) 9

b) Error d) None of these

Q63. What will be output after execution of the following code?

a=11

b=5

if(a//b==2):

print('Yes")

else:

print('No')

a) 2.5 b) Yes

b) No d) 21

Q64. Amongst which of the following is/are true with reference to loops in Python?

a) It allows for code reusability to be achieved.

b) By utilizing loops, we avoid having to write the same code over and over again.

c) We can traverse through the elements of data structures by utilizing looping.

d) All of the mentioned above.

Q65. What value dose the following expression evaluate to ?

X=5

While x<10:

Print(x, end=' ')

a) Closed loop

b) One time loop

c) Infinite loop

d) Evergreen loop

Q66. Which arithmetic operators can not use with strings?

a) - b) +

b) * d) None of them

Q67. What will be output after execution of the following code?

X=13

If x>12 or x<15 and x==16:

Print("Given condition matched")

Else:

Print("Given condition did not match")

a) Given condition matched

b) Given condition did not match

c) Both A and B

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d) None of these

Q68. In a Python program, Nested if statements denotes?

a) If statement inside another if statement

b) If statement outside the another if statement

c) Both A and B

d) None of the mentioned above

Q69. What among the following list of operators has the highest precedence?

+,-,,%,/,<<,>>,|**

a) <<

b) **

c) |

d) %

Q70. What will be the output of the following Python code?

```
X= "abcdef"
while I in x :
        print(I, end=" ")
```

a) a b c d e f

b) abcdef

c) !!!!!!...

d) Error

Q71. What will be the output of the following Python code ?

```
X="abcdef" I ="a" while I in x: x=x[:-1]
print(I, end=" ")
```

a) Iiiiii

b) aaaaaa

c) aaaaa

d) None

Q72. Which of the following Boolean expressions is not logically equivalent to other three?

a) not(-6<0 or -6>10)

b) -6>=0 and -6<=10

c) not(-6<10 or -6==10)

d) not (-6>10 or 6==10)

Q73. Which amongst this is not a jump statement?

a) for

b) goto

c) continue

d) break

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