



Brilliant Public School

Session (2020-21)

Subject – Computers

Class – VII

CHAPTER 6 – MORE ON PYTHON REVISION

Hey Children..... Hope you all are safe and utilizing your time wisely.....

A.FILL IN THE BLANKS:-

if else

Precedence

Colon

Expression

- 1) The order in which the operators are evaluated is called _____ of operators.
- 2) The valid combination of both operand and operators makes an _____ which returns a computed result.
- 3) The _____ control structure is used when either of the two different actions is to be performed depending upon the result of the conditional expression.
- 4) In Python, the conditional statement is terminated with a _____ symbol.

B. STATE TRUE AND FALSE :-

- 1) An operator does not need any operand to perform any operations. TRUE / FALSE

2)Unary operators can be used on more than three operands. TRUE / FALSE

3) Exponential operator is used to calculate the power of numbers. TRUE / FALSE

4) Higher precedence operators are operated before the lower precedence operators. TRUE / FALSE

5)'if -elif-else' statements are used when we have to evaluate only one condition. TRUE / FALSE

6) Iterative statements enable the execution of a set of statements to repeat till the condition is true. TRUE / FALSE

C : APPLICATION BASED QUESTIONS:-

- 1. Sumit is converting a decimal number to binary number. He needs to calculate the remainder in each step. Which operator do you suggest him to use for this task?**

Answer: - Remainder (%) operator , Floor division (//) operator

- 2. Arif's father is a businessman. He wants to determine whether he made a profit or loss based on the revenue figures. Suggest an appropriate conditional construct he can use to solve the problem.**

Answer: -' elif ' statement , 'if-else' statement.

D. MULTIPLE CHOICE QUESTIONS:-

1) The values on which the operators work are known as _____.

- a) operands b) Operating system c) Data d) Number

2) // (floor division) is same as /(division).

- a) True b) False c) In some cases, yes d) None of these

3) In which construct the statements in a program are executed in a sequential manner followed by one after the other with no possibility of branching off to another action.

- a) Conditional b) Sequential c) Iterative d) None of these

4) Which statement among the following enables the execution of a statement to repeat till the condition is true.

- a) Conditional b) Sequential c) Iterative d) None of these

5) If in a conditional expression, the condition evaluates to false, than which block of statement will be executed first?

- a) else b) if c) both a and b d) None of these

E. MATCH THE FOLLOWING:-

- | | |
|--------------------------------------|--------------------------------|
| 1) Two types of arithmetic operators | and , or , not |
| 2) Three types of logical operator | '+' and '*' |
| 3) Two operators used in strings | Addition (+) , Subtraction (-) |

F. CHOOSE THE OUTPUT OF THE FOLLOWING CODE OF STATEMENTS :-

```
a  a = 10
   b = 20
   print ( a>10 and b<40 )
```

Output :- TRUE / FALSE

```
b  a = 10
   b = 20
   print( a+ b)
   print ( 'a+b')
```

Output :- 1020 / 30

a+b / 'a+b'

c a = 100

if a > 99;

print (a, ' is a three digit number')

else

print (a, ' is a two digit number')

Output :- 99 'is a two digit number' / 100, 'is a three digit number'

d a = 4

if a % 2 == 0;

print (a, ' is even number')

else

print (a, ' is odd number')

Output :- 4, 'is even number' / a, ' is odd number'