

# Python Worksheet 1

Q1 --> Option C - %

- % operator is used to calculate remainder in a division

Q2 --> Option B - 0

- // operator is used for floor division and it will remove the fractional part so  $2//3$  will give 0 answer

Q3 --> Option C - 24

- <<-left shift operator means left shift by n is equal to multiply with  $\text{pow}(2,n)$  so  $6<<2$  means left shift by 2 is equal to multiply with  $\text{pow}(2,2)$

Q4 --> Option A - 2

- &-Bitwise AND operator means perform AND operation between the binary numbers of the given digits

Q5 --> Option D - 6

- |-Bitwise OR operator means perform OR operation between the binary numbers of the given digits

Q6 --> Option C - the finally block will be executed no matter if the try block raises an error or not.

Q7 --> Option A - It is used to raise an exception.

- raise keyword is used to raise an exception.

Q8 --> Option C - in defining a generator

- common use case of yield keyword in python

Q9 --> Option A - `_abc`

Option B - `1abc`

Option C - `abc2`

- following are the valid variable names

Q10 --> Option A - `yield`

Option B – `raise`

- following are the keywords in python