Class: XI	**SUB: Computer Science**	**Date of Completion:** **19-07-2020**
Worksheet No:4	**TOPIC : Practical Questions-Python programming(3.7.x)**	**Note:Write in practical record book (FS2QR)**

1.Develop a Python code to find the average of three numbers N1 ,N2 and N3. Print the result with an appropriate message.

2.Code in Python to perform all the arithmetic operations on two numeric values Num1 and Num2.Display the result on screen.

3.If the values of V1 is 10, V2 is 5 and V3 is 0.Perform all the relational operations and display the results on screen.

4.Write a Python code that demonstrates the use of Logical operators. Use True/1 and False/0 as operands.

5. Develop a python code to find the value of
$M=(P+Q)^3 /P^2+Q^2$

6.Develop a python program
To find the roots (R1 and R2) using quadratic equation.
$R1=-b+(b^2-4ac)^{0.5}/2a$
$R2=-b-(b^2-4ac)^{0.5}/2a$

7.Guess the out put
a)-15%2   b)6%-3   c) -21%4   d)17% -4   e)3%6   f) 11%2

8. Guess the output
a)-15/2   b) 6/-3   c)-21/4   d) 17/-4   e)3/6   f)11/2

9.Guess the output
a) -15//2   b)6//-3   c)-21//4   d)17//-4   e)3//6   f)11//2

10.Hierarchy of operators:
If the values are X=True , Y=True , Z=False
a)X or Y and (not Z)
b) X and Z or Y
c) Z or X and not X
If the value of A=0,B=10,C=2,D=4
a) P=A+B-C*2+D/2
b) M= A+B+D*4+C**3
c) M=(A+B)+(D*4)+(C**3)

(Note:Please use the comments in your programs.Write the output in the box. All questions are discussed.