Find the Pearsonian correlation coefficient from the following series of marks obtained by 10 students in a class test in mathematics (X) and in statistics (Y).

X 45 70 65 30 90 40 50 75 85 60

Y 35 90 70 40 95 40 60 80 80 50 20 Marks

b) Also calculate the Probable Error 10 Marks

c) Calculate the coefficient of concurrent deviation from the following data. 15 Marks

