STATISTICS (Q 7, PAPER 2)

LESSON NO. 3: WEIGHTED MEAN

2005

7 (a) Calculate the weighted mean of 10, 30 and 15, given that the weights are 3, 1 and 2, respectively.

 $\frac{\sum wx}{\sum w}$

 $\overline{w} =$

.....3

SOLUTION

$$\overline{w} = \frac{\sum wx}{\sum w} = \frac{90}{6} = 15$$



2000

7 (a) Find the weighted mean of 11, 15, 19 and 21 if the weights are 2, 3, 1 and 2 respectively.

SOLUTION

