

#### QUESTION 2.4

(a) 
$$\frac{0 \times 16 + 1 \times 22 + 2 \times 19 \dots}{80} \quad (M1)$$

**Note:** Award *(M1)* for substituting correct values into mean formula.

1.75 *(A1)* *(C2)*

(b) An attempt to enumerate the number of goals scored. *(M1)*

2 *(A1)* *(C2)*

(c) 
$$\frac{2 - 1.75}{1.75} \times 100 \quad (M1)$$

14.3 % *(A1)(ft)* *(C2)*

**Notes:** Award *(M1)* for correctly substituted % error formula.  
% sign not required.  
Follow through from their answer to part (a).  
If 100 is missing and answer incorrect award *(M0)(A0)*.  
If 100 is missing and answer incorrectly rounded award *(M1)(A1)(ft)(AP)*.

*[6 marks]*