

### 'Annual Carbon Dioxide Emissions'

a)  $\text{Mean} = 0) + (15 \times 48) + (25 \times 30) + (35 \times 22) + (45 \times 20)$

$\text{Mean} = 23.1\text{Mt of CO}_2$

(3)

b)  $\text{Total amount} = 23.1 \times 140$  Total amount = 3234Mt of CO<sub>2</sub>

(1)

c) Accurate frequency polygons, with appropriate scales and correct heights scores full marks.

(3)