## SUMMARISING DATA

 MEAN，MEDIAN，MODE AND RANGE
## NO CALCULATOR

| A1 Find the range of： $8,14,6,12,11,9$ | A2 Find the mode of： $9,2,6,3,4,1,6,7$ | A3 Find the median of： $7,12,8,19,4,13,11$ | A4 Find the mean of： $12,5,7$ |
| :---: | :---: | :---: | :---: |
| B1 Find the mode of： $4,10,4,11,4,12,4,13$ | B2 Find the mean of： $2,5,2,5,9,4$ | B3 Find the range of： $6,9,12,0,4,17,2$ | B4 Find the median of： $11,7,5,13,2,7,5$ |
| C1 Find the median of： $9,10,14,13,7,8$ | C2 Find the range of： $4,9,3,-4,1,2$ | C3 Find the mean of： $4,10,15,8,5$ | C4 Find the mode of： $3,1,6,3,8,1,2,1,7,3$ |
| D1 Find the mean of： $-3,4,7,0,2$ | D2 Find the median of： $19,2,14,8,12,10,4,19$ | D3 Find the mode of： $2,4,6,9,3,7,5$ | D4 Find the range of： $1,0,1,0,1,1,0,0,1$ |

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## SUMMARISING DATA

MEAN, MEDIAN, MODE AND RANGE

## NO CALCULATOR

Ref: G621.

| A1 Find the range of: $\begin{gathered} 8,14,6,12,11,9 \\ 14-6=8 \end{gathered}$ | A2 Find the mode of: $9,2,6,3,4,1,6,7$ $6$ | A3 Find the median of: $\begin{aligned} & 7,12,8,19,4,13,11 \\ & 4,7,8,1112,13,19 \end{aligned}$ <br> 11 | A4 Find the mean of: $\begin{aligned} & 12,5,7 \\ & \begin{aligned} \frac{12+5+7}{3} & =\frac{24}{3} \\ & =8 \end{aligned} \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| B1 Find the mode of: $\text { (4.) } 10 \text { (4) } 11,(4,12,(4) .13$ | B2 Find the mean of: $\begin{aligned} & \begin{aligned} & 2,5,2,5,9,4 \\ & \frac{2+5+2+5+9+4}{6}=\frac{27}{6} \\ &=4.5 \end{aligned} \end{aligned}$ | B3 Find the range of: $\begin{gathered} 6,9,12,0,4,17,2 \\ 17-0=17 \end{gathered}$ | B4 Find the median of: $\begin{array}{r} 11,7,5,13,2,7,5 \\ 2,5,5,7) 7,11,13 \end{array}$ $7$ |
| C1 Find the median of: $\begin{gathered} 9,10,14,13,7,8 \\ 7,8 \bigcirc, 10,13,14 \\ 9.5 \end{gathered}$ | C2 Find the range of: $\begin{gathered} 4,9,3,-4,1,2 \\ 9-(-4)=13 \end{gathered}$ | C3 Find the mean of: $\begin{aligned} & \begin{aligned} & 4,10,15,8,5 \\ & \frac{4+10+15+8+5}{5}=\frac{42}{5} \\ &=8.4 \end{aligned} \end{aligned}$ | C4 Find the mode of: $\begin{gathered} (3,1,6,3,8,(1) 2,1,7,3) \\ 1 \text { and } 3 \quad \text { (bimodal) } \end{gathered}$ |
| D1 Find the mean of: $\begin{aligned} &-3,4,7,0,2 \\ & \frac{(-3)+4+7+0+2}{5}=\frac{10}{5} \\ &=2 \end{aligned}$ | D2 Find the median of: $\begin{gathered} 19,2,14,8,12,10,4,19 \\ 2,4,8 \frac{10,12}{11} 14,19,19 \\ 11 \end{gathered}$ | D3 Find the mode of: $2,4,6,9,3,7,5$ <br> no mode | D4 Find the range of: $\begin{gathered} 1,0,1,0,1,1,0,0,1 \\ 1-0=1 \end{gathered}$ |

