



Exercise 14D

Question 2:

$$\begin{aligned}\therefore \text{Mean} &= \frac{\text{Sum of numbers}}{\text{Total numbers}} \\ &= \frac{(2 + 4 + 3 + 4 + 2 + 0 + 3 + 5 + 1 + 6)}{10} \\ &= \frac{30}{10} = 10 \\ \therefore \text{Mean} &= 3\end{aligned}$$

Question 3:

$$\begin{aligned}\therefore \text{Mean} &= \frac{\text{Sum of numbers}}{\text{Total numbers}} \\ &= \frac{(105 + 216 + 322 + 167 + 273 + 405 + 346)}{7} \\ &= \frac{1834}{7} = 262 \\ \therefore \text{Average number} &= 262\end{aligned}$$

Question 4:

$$\begin{aligned}\text{Mean temperature} &= \frac{\text{Sum of temperatures}}{\text{Numbers of days}} \\ &= \frac{(35.5 + 30.8 + 27.3 + 32.1 + 23.8 + 29.9)}{6} \\ &= \frac{179.4}{6} = 29.9 \\ \therefore \text{Mean temperature} &= 29.9^{\circ}\text{F}.\end{aligned}$$

Question 5:

$$\begin{aligned}\therefore \text{Mean} &= \frac{\text{sum of the marks}}{\text{numbers of students}} \\ &= \frac{(64 + 36 + 47 + 23 + 0 + 19 + 81 + 93 + 72 + 35 + 3 + 1)}{12} \\ &= \frac{474}{12} = 39.5 \\ \therefore \text{Mean percentage of marks} &= 39.5.\end{aligned}$$

***** END *****