

NCERT Maths Class X-Statistics Ex 14.1 - Question 2
Solutions by Dev Anoop (Bathinda)

| Daily Wages | No. of Workers f_i | Class Marks x_i | $f_i x_i$ |
|-------------|-------------------------|----------------------|-----------|
| 100-120 | 12 | 110 | 1320 |
| 120-140 | 14 | 130 | 1820 |
| 140-160 | 8 | 150 | 1200 |
| 160-180 | 6 | 170 | 1020 |
| 180-200 | 10 | 190 | 1900 |
| Total | 50 | | 7260 |

$$\begin{aligned} \text{Mean} &= \frac{\sum f_i x_i}{\sum f_i} = \frac{7260}{50} \\ &= \text{Rs } 145.20 \end{aligned}$$

Mean Daily Wages = Rs 145.20

Direct Method used, since values class marks are multiples of 10 and that of frequencies are small