



Exercise 14F

Question 1:

For calculating the mean , we prepare the following table :

Daily wages (in Rs) (X_i)	No of workers (f_i)	$f_i x_i$
90	12	1080
110	14	1540
120	13	1560
130	11	1430
150	10	1500
	$\Sigma f_i = 60$	7110

$$\text{Mean} = \frac{\Sigma f_i x_i}{\Sigma f_i} = \frac{7110}{60} = 118.5$$

\therefore mean of daily wages of 60 workers = Rs.118.50

Question 2:

For calculating the mean , we prepare the following frequency table :

Weight (in kg) (X_i)	No of workers (f_i)	$f_i X_i$
60	4	240
63	3	189
66	2	132
69	2	138
72	1	72
	$\Sigma f_i = 12$	771

$$\text{Mean} = \frac{\Sigma f_i x_i}{\Sigma f_i} = \left(\frac{771}{12} \right) \text{kg} = 64.25 \text{kg}$$

\therefore mean weight of the workers = 64.25kg

***** END *****