4) Arranging data in an ascending order,

14, 14, 14, 14, 17, 18, 18, 18, 22, 23, 25, 28

Here,

14 occurs 4 times

17 occurs 1 time

18 occurs 3 times

22 occurs 1 time

23 occurs 1 time

25 occurs 1 time

28 occurs 1 time

Since 14 occurs maximum number of times.

∴ Mode = 14

5)

Salary (in ₹) (x_i)	Number of workers (f_i)	$f_i x_i$
3000	16	48000
4000	12	48000
5000	10	50000
6000	8	48000
7000	6	42000
8000	4	32000
9000	3	27000
10000	1	10000
	$\sum f_i = 60$	$\sum f_i x_i = 173600$

$$\text{Mean } \bar{x} = \frac{\sum_{i=1}^{8} f_i x_i}{\sum_{i=1}^{8} f_i} = \frac{173600}{60} = 5083.33$$