Q3>

$$63 = \frac{\left(\frac{n}{2}\right)^{th} \text{ observation} + \left(\frac{n}{2}+1\right)^{th} \text{ observation}}{2}$$

$$63 = \frac{5^{th} \text{ observation} + 6^{th} \text{ observation}}{2}$$

$$63 = \frac{x + x+2}{2}$$

$$63 = \frac{2x+2}{2}$$

$$\frac{2(x+1)}{2} = 63$$

$$x = 63-1 = 62$$

Q4> Mode -

~~14, 14, 14, 14, 17, 18~~

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

Mode = 14.

Q5)

Salary:-	Numbers of workers	$f_i x_i$
3000	16	48,000
4000	12	48000
5000	10	50,000
6000	8	48000
7000	6	42000
8000	4	32000
9000	3	27000
10,000	1	10,000
Total:-	$\sum_{i}^{k} = 60$	$\sum f_i x_i = 3,05,000$

$$\bar{x}(\text{mean}) = \frac{\sum f_i x_i}{\sum f_i} = \frac{3,05,000}{60} = ₹5083.33$$