

14.

By direct method :

Class	f	x	fx
12.5 - 17.5	3	15	45
17.5 - 22.5	22	20	440
22.5 - 27.5	19	25	475
27.5 - 32.5	14	30	420
32.5 - 37.5	3	35	105
37.5 - 42.5	4	40	160
42.5 - 47.5	6	45	270
47.5 - 52.5	1	50	50

$$n = 72$$

$$\Sigma fx = 1965$$

$$\therefore \bar{x} = \frac{\Sigma fx}{n} = \frac{1965}{72} = 27.29 \text{ Ans}$$