



### Exercise 14A

Question 10:

Minimum observations is 804 and maximum observation is 898 So, range is  $898 - 804 = 94$

The class es of equal size covering the given data are :

(800-810), (810-820) , (820-830),(840-850), (850-860), (860-870), (870-880) ,(880-890), (890-900)

Thus the frequency table may be given as under :

Class intervals Weekly wages	Tally marks	No. of workers Frequency
800 – 810		3
810 – 820		2
820 – 830		1
830 – 840	<del>    </del>	8
840 – 850	<del>    </del>	5
850 – 860		1
860 – 870		3
870 – 880		1
880 – 890		1
890 – 900	<del>    </del>	5
	Total	30

Question 11:

Minimum observation 52 and maximum observation is 130

So , The range is  $130 - 52 = 78$

The classes of equal size covering the given data are :

(50-60), (60-70), (70-80), (80-90), (90-100), (100-110), (110-120), (120-130),(130-140)

Thus , the frequency table may be given as under :

Class interval (in Rupees)	Tally Marks	No. house frequency
50 – 60	II	2
60 – 70	<del>IIII</del> I	6
70 – 80	III	3
80 – 90	<del>IIII</del> III	8
90 – 100	<del>IIII</del>	5
100 – 110	<del>IIII</del> II	7
110 – 120	IIII	4
120 – 130	IIII	4
130 – 140	I	1
	Total	40

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