



Exercise 14A

Question 8:

Minimum observation is 210 and maximum observation =320

So the range is $(320-210)=110$

The classes of equal size covering the given data are :

(210-230), (230-250), (250-270) , (270-290), (290-310), (310-330)

Thus the frequency distribution may be given as under :

Class interval (Monthly wages)	Tally Marks	No. of workers Frequency
210 – 230		4
230 – 250		4
250 – 270	 	5
270 – 290		3
290 – 310	 	7
310 – 330	 	5
	Total	28

Question 9:

Minimum observation is 30 and maximum observation is 110

So, range is $100-30=80$

The classes of equal size covering the given data are :

(30-40) ,(40-50) , (50-60) ,(60-70) , (70-80), (80-90),(90-100),(100-110), (110-120)

Thus , the frequency and cumulative frequency table may be given as under :

Class intervals (weight in g.)	Tally Marks	No. of oranges	Cumulative frequency
30 – 40		4	4
40 – 50	 	6	10
50 – 60		3	13
60 – 70	 	5	18
70 – 80	 	9	27
80 – 90	 	6	33
90 – 100		2	35
100 – 110		3	38
110 – 120		2	40
	Total	40	

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