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	IIII	4
230 – 250	IIII	4
250 – 270	IIII	5
270 – 290	III	3
290 – 310	IIII II	7
310 – 330	IIII	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	IIII	4	4
40 – 50	IIII I	6	10
50 – 60	III	3	13
60 – 70	IIII	5	18
70 – 80	IIII IIII	9	27
80 – 90	IIII I	6	33
90 – 100	II	2	35
100 – 110	III	3	38
110 – 120	II	2	40
	Total	40	

********** END *********