



Exercise 14A

Question 5:

Minimum observation is 0 and maximum observation is 6. The classes of equal size covering the given data are : (0-2), (2-4), (4-6) and (6-8).

Thus , the frequency distribution may be given as under:

No of children	Tally marks	Frequency
0 – 2	 	11
2 – 4	 	17
4 – 6	 	9
6 – 8		3
	Total	40

Question 6:

Minimum observation is 1 and minimum observation is 24. The classes of equal size converging the given data are : (0-5), (5-10), (10-15), (15-20), (20-25)

Thus, the frequency distribution may be given as under :

Marks	Tally Marks	Frequency
0 – 5	 	6
5 – 10	 	10
10 – 15	 	8
15 – 20	 	8
20 – 25	 	8
	Total	40

Question 7:

Minimum observation is 6 and maximum observation is 23 .So the range is $23-6=17$

The classes of equal size covering the given data are : (6-9), (9-12) , (12-15) , (15-18) , (18-21), (21-24) ,

Thus the frequency distribution may be given as under :

Class interval (age)	Tally Marks	No. of students Frequency
6 – 9	 	5
9 – 12		4
12 – 15		4
15 – 18	 	7
18 – 21		3
21 – 24	 	7
	Total	30

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