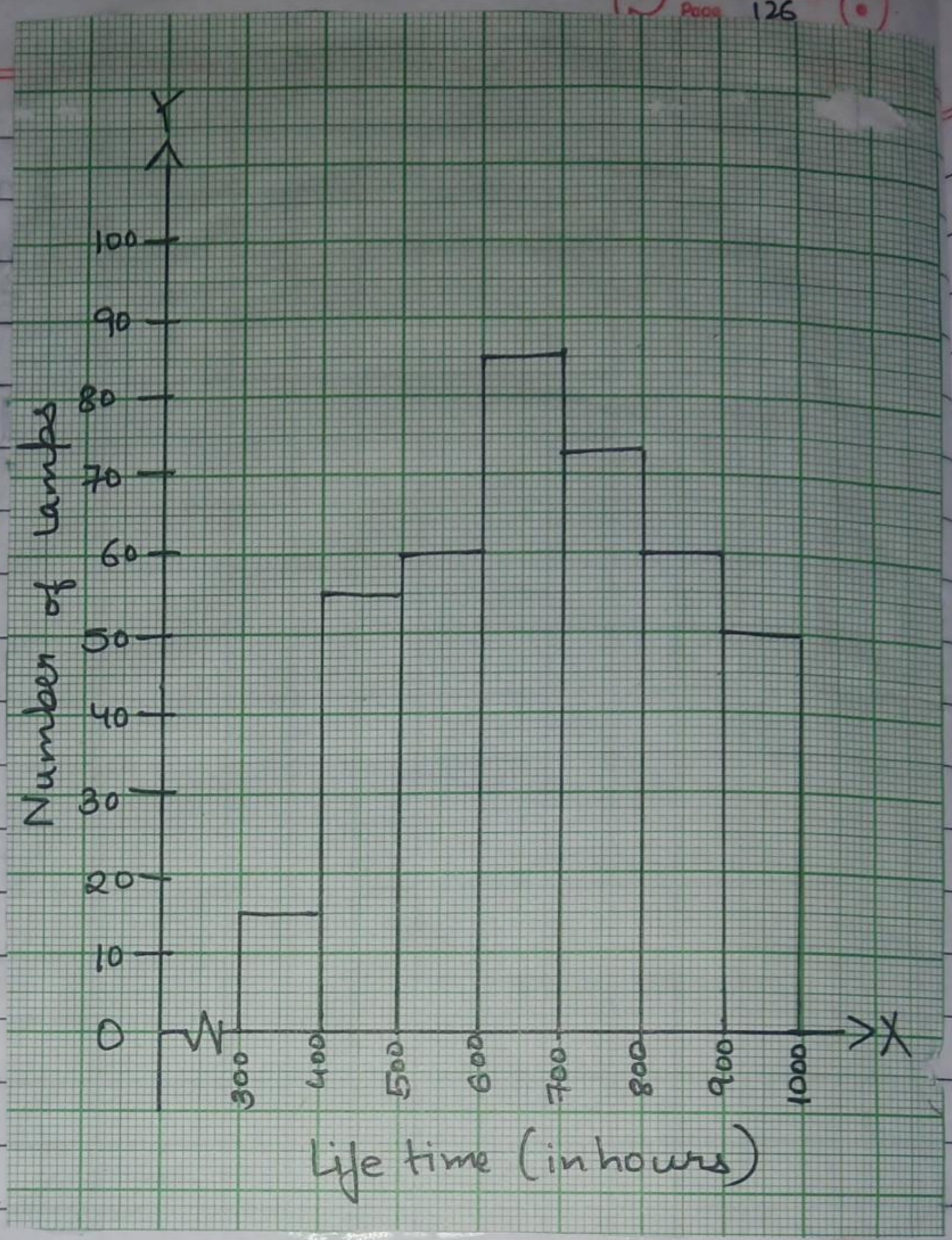
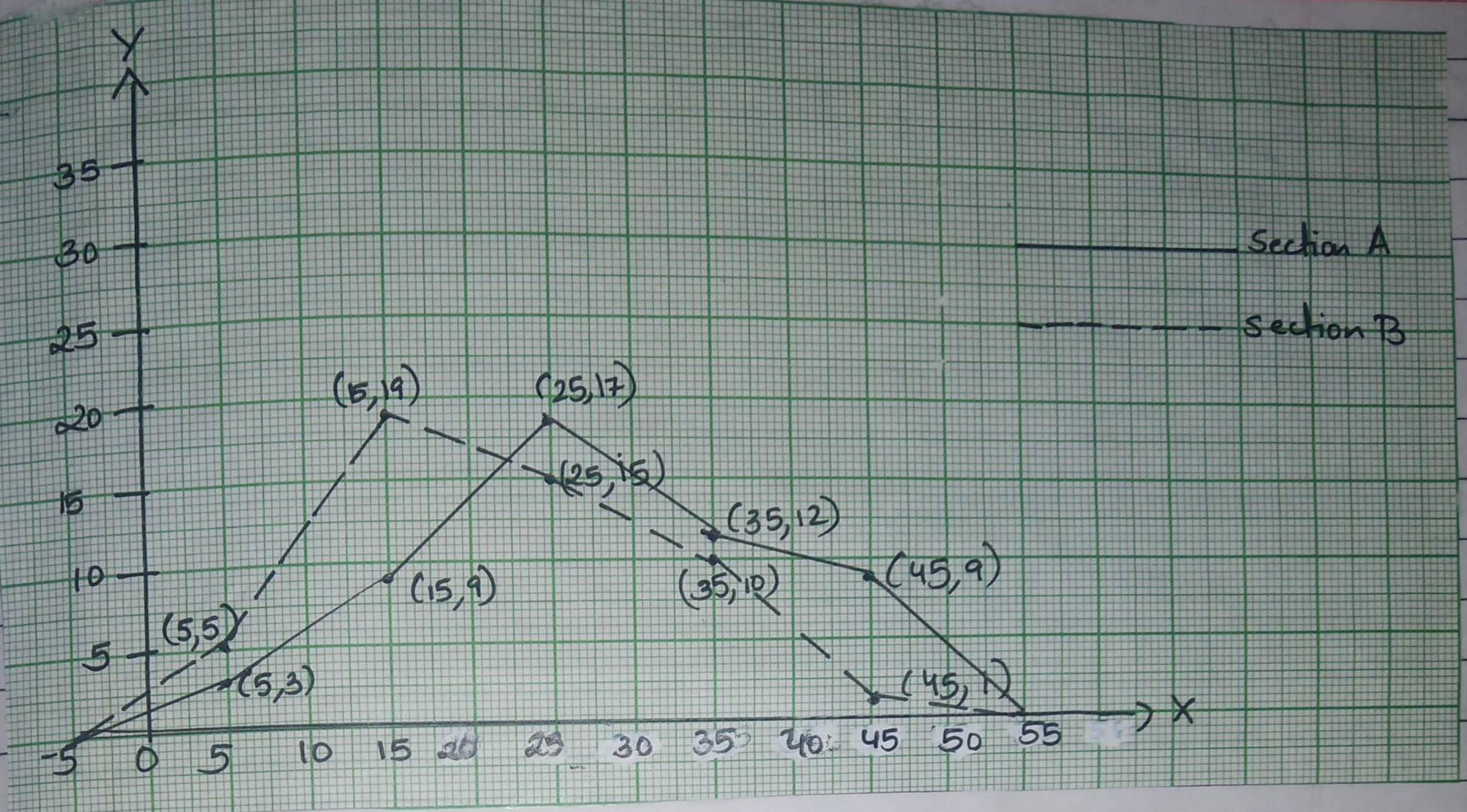
5(i) The required histogram is showed below.

(ii) No. of lamps having lifetime of more than 700 hrs
= 76 + 62 + 48 = 184.



6 To draw a frequency polygon, we mark the class marks along x-axis. Therefore, the modified table is :-

Marks	Class marks	Frequency Sec-A	Frequency Sec-B
0-10	5	3	5
10-20	15	9	19
20-30	25	17	15
30-40	35	12	10
40-50	45	9	1

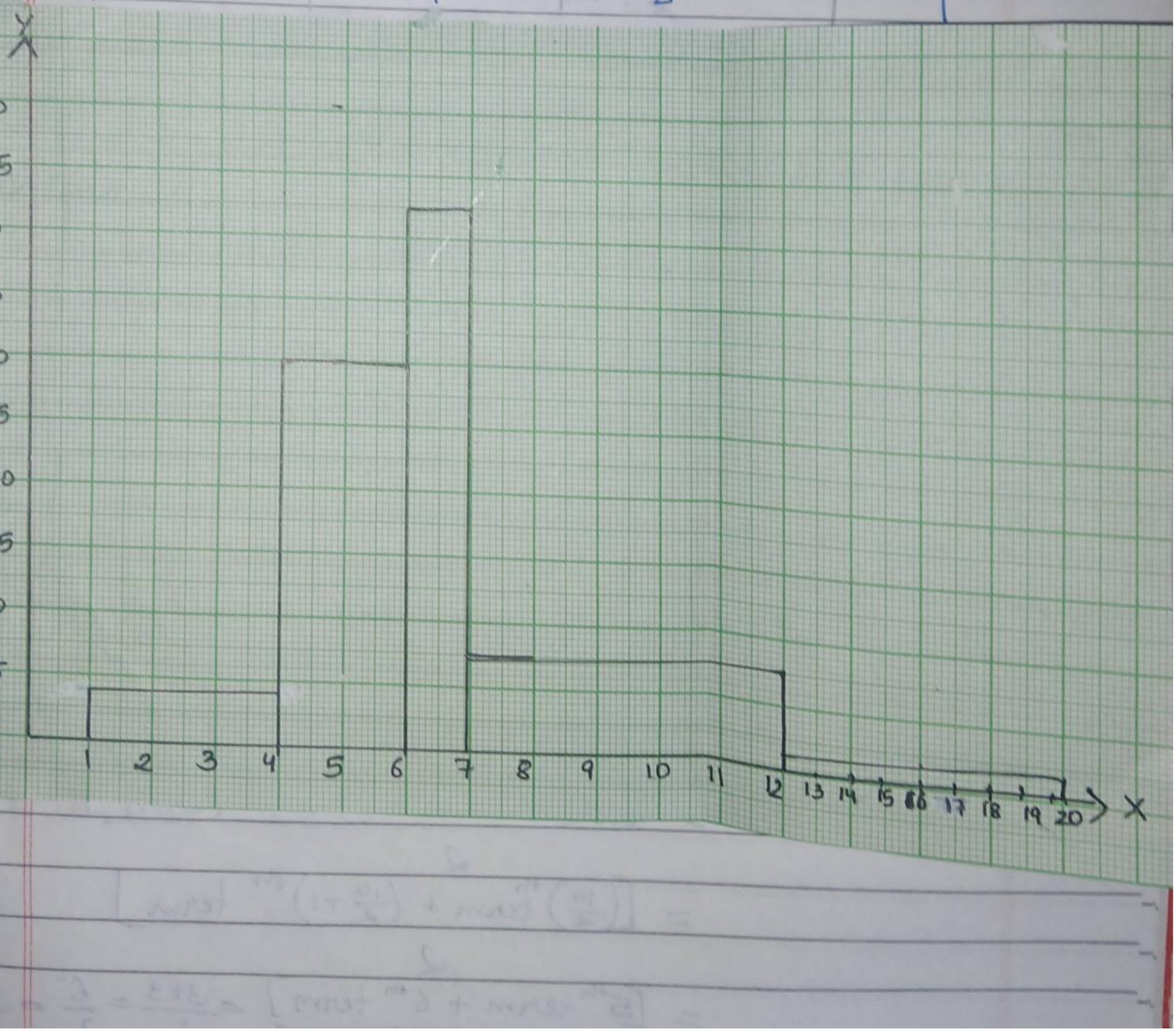


From the above frequency polygon, we can see that the more students of section A have secured good marks.

9 (i) Since, class intervals of the given frequency distribution are unequal and minimum class size $= 6 - 4 = 2$.

Therefore, we have the following table for length of rectangles.

No. of letters	Frequency	Width of class	Length of rectangle
1-4	6	3	4
4-6	30	2	30
6-8	44	2	44
8-12	16	4	8
12-20	4	8	1



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(ii) The maximum frequency is 44, which is corresponding to the class interval 6-8.

∴ The maximum no. of surnames lie in the class interval 6-8.