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Class Interval	Group A	Group B
1-5	0	2
6-10	7	4
11-15	10	7
16-20	2	20
21-25	1	16
26-30	5	10
31-35	4	4

Group A	Group A	f_i	x_i	$f_i x_i$	$ x_i - \bar{x}_i $	$(x_i - \bar{x}_i)^2$	$f_i (x_i - \bar{x}_i)^2$
	1-5	0	3	0	14.83	219.93	0
	6-10	7	8	56	9.83	96.63	676.41
	11-15	10	13	130	4.85	23.33	233.30
	16-20	2	18	36	0.17	0.03	0.06
	21-25	1	23	23	5.17	26.73	26.73
	26-30	5	28	140	10.17	103.43	517.15
	31-35	4	33	132	15.17	230.13	920.52
				517			2374.17

i) Mean of (Group A) = $\frac{\sum f_i x_i}{\sum f_i}$
 $= \frac{517}{29} = 17.83$

ii) Standard Deviation (S.D) = $\sqrt{\frac{\sum f_i (|x_i - \bar{x}_i|)^2}{\sum f_i}}$

$$= \sqrt{\frac{2374.17}{29}}$$

$$= \sqrt{81.87}$$

$$= \underline{\underline{9.05}}$$

ii) Coefficient of variation = $\frac{S.D}{\bar{x}_1} \times 100$

$$= \frac{9.05}{17.83} \times 100$$

$$= \underline{\underline{50.76}}$$

Group B

Class Interval	f_2	x_2	$f_2 x_2$	$ x_2 - \bar{x}_2 $	$(x_2 - \bar{x}_2)^2$	$f_2 (x_2 - \bar{x}_2)^2$
1-5	2	3	6	17.14	293.78	587.56
6-10	4	8	32	12.14	147.38	589.52
11-15	7	13	91	7.14	50.98	356.86
16-20	20	18	360	2.14	4.58	91.60
21-25	16	23	365	2.86	8.18	130.88
26-30	10	28	280	7.86	61.78	617.80
31-35	4	33	132	16.14	165.38	661.52
	63		1269			3035.74

Mean (\bar{x}) Group B = $\frac{\sum f_2 x_2}{\sum f_2} = \frac{1269}{63} = \underline{\underline{20.14}}$

Standard Deviation (S.D) = $\sqrt{\frac{\sum f_2 (|x_2 - \bar{x}_2|)^2}{\sum f_2}}$

$$= \sqrt{\frac{3035.74}{63}}$$

$$= \underline{\underline{6.94}}$$

C.V. = $\frac{S.D_2}{\bar{x}_2} \times 100$

$$= \frac{6.94}{20.14} \times 100$$

$$= 34.46$$

3.) Group B has less variable than Group A because its coefficient of variation is smaller.