K	L . A	L v 9	L u S	x S	f	f a	f x S
1	49-55	48.5	55.5	52	20	2	104
2	56-62	55.5	62.5	59	0	2	0
3	63-69	62.5	69.5	66	3	5	198
4	70-76	69.5	76.5	73	9	14	657
5	77-83	76.5	83.5	80	9	23	720
6	84-90	83.5	90.5	87	2	25	174

Σ 1853

$\bar{x} = \frac{\Sigma f x s}{N}$ $\quad \bar{x} = \frac{1,853}{25} = 74,12$

$Mo = Li + \left(\frac{\Delta_1}{\Delta_1 + \Delta_2}\right) i$

$\Delta_1 = 9 - 3 = 6$

$\Delta_2 = 9 - 9 = 0$

$Mo = 69,5 + \left(\frac{6}{6+0}\right) 7$

$Mo = 76,5$

$Md = Li + \left(\frac{N/2 - faa}{f}\right) i$

$Md = 69,5 \left(\frac{12,5}{9}\right) 7$ $\quad Md = 69,5 + 5,81$

$Md = 69,5 \left(\frac{7,5}{9}\right) 7$ $\quad Md = 75,31$

$Md = 69,5 (0,83) 7$

$$Q_1 = Lri + \left(\frac{N/4 - faa}{f}\right) i$$

$$Q_1 = 69.5 + \left(\frac{6.25 - 5}{9}\right) 7$$

$$Q_1 = 69.5 + \left(\frac{1.25}{9}\right) 7$$

$$Q_1 = 69.5 + (0.14)\,7$$

$$Q_1 = 69.5 + (0.98)$$

$$Q_1 = \underline{70.48}$$

$$Q_2 = Lri + \left(\frac{2N/4 - faa}{f}\right) i$$

$$Q_2 = 69.5 + \left(\frac{12.5 - 5}{9}\right) 7$$

$$Q_2 = 69.5 + \left(\frac{7.5}{9}\right) 7$$

$$Q_2 = 69.5 + (0.83)\,7$$

$$Q_2 = 69.5 + (5.81)$$

$$Q_2 = \underline{75.31}$$

$Q_3 = Lri + \left(\frac{3N/4 - Faa}{f}\right) i$

$Q_3 = 76.5 + \left(\frac{18.75 - 14}{9}\right) 7$

$Q_3 = 76.5 + \left(\frac{4.75}{9}\right) 7$

$Q_3 = 76.5 + (0.53) 7$

$Q_3 = 76.5 + (3.71)$

$Q_3 = \underline{80.21}$

$D_2 = Lri + \left(\frac{N2}{10} - Faa\right) i$

$D_2 = 62.5 + \left(\frac{5 - 2}{3}\right) 7$

$D_2 = 62.5 + \left(\frac{3}{3}\right) 7$

$D_2 = 62.5 + (1) 7$

$D_2 = 62.5 + (7)$

$D_2 = \underline{69.5}$

$$D6 = Lvi + \left(\frac{\frac{N6}{10} - Faa}{F}\right) i$$

$$D6 = 76.5 + \left(\frac{15 - 14}{9}\right) 7$$

$$D6 = 76.5 + \left(\frac{1}{9}\right) 7$$

$$D6 = 76.5 + (0.11) 7$$

$$D6 = 76.5 + (0.77)$$

$$D6 = 7 \,//\, 77.27$$

$$Dq = Lvi + \left(\frac{\frac{Nq}{10} - Faa}{F}\right) i$$

$$Dq = 76.5 + \left(\frac{22.5 - 14}{9}\right) 7$$

$$Dq = 76.5 + \left(\frac{8.5}{9}\right) 7$$

$$Dq = 76.5 + (0.94) 7$$

$$Dq = 76.5 + (6.58)$$

$$Dq = \,//\, 83.08$$

$$P_x = Lv_i + \left(\frac{Nx}{100} - \frac{Faa}{F}\right) i$$

$$P_{15} = 62.5 + \left(\frac{37.5 - 29}{5}\right) 7$$

$$P_{15} = 62.5 + \left(\frac{1.75}{3}\right) 7$$

$$P_{15} = 62.5 + (0.58)\,7$$

$$P_{15} = 62.5 + (4.06)$$

$$P_{15} = \parallel 66.56$$

~~$P_{70} = Lv_i + \left(\frac{Nx}{100} - \frac{Faa}{F}\right) i$~~

~~$P_{70} = 15.5 + ($~~

$$P_{70} = Lv_i + \left(\frac{Nx}{100} - \frac{Faa}{F}\right) i$$

$$P_{70} = 76.5 + \left(\frac{17.5 - 14}{9}\right) 7$$

$$P_{70} = 76.5 + \left(\frac{3.5}{9}\right) 7$$

$$P_{70} = 76.5 + (0.39)\,7$$

$$P_{70} = 76.5 + (2.73)$$

$$P_{70} = \parallel 79.23$$

$$Px = Lwi + \left(\frac{\frac{Nx}{100} - Faq}{F}\right) q$$

$$P95 = 83.5 + \left(\frac{23.75 - 23}{20}\right) 7$$

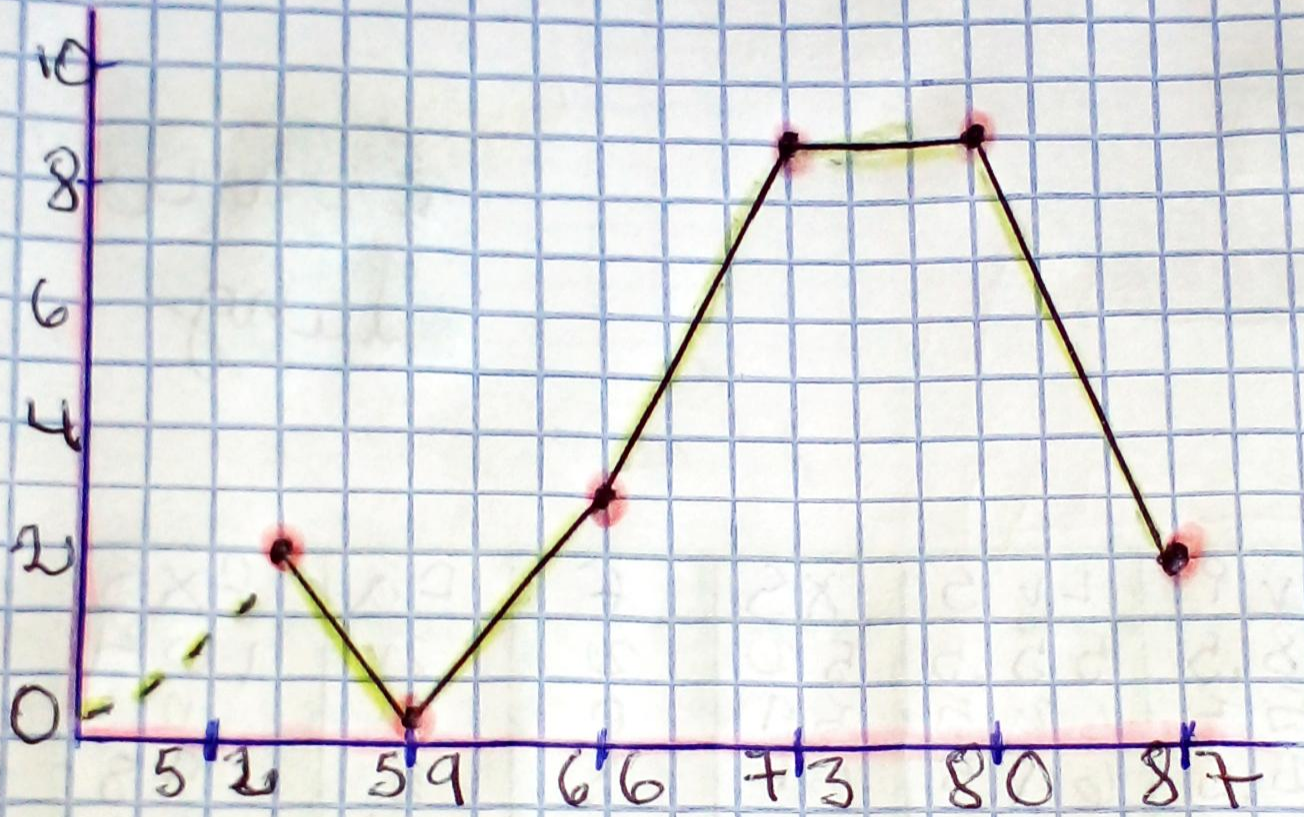
$$P95 = 83.5 + \left(\frac{0.75}{20}\right) 7$$

$$P95 = 83.5 + (0.38)\,7$$

$$P95 = 83.5 + (2.66)$$

$$P95 = \underline{\underline{86.16}}$$

Exam Yang


10
8
6
4
2
0
52
59
66
73
80
87