Puntos obtenido por 25 alumnos en un examen de Estudios Sociales I de primero Básico

Intervalo	Lri	fi	fa
49 - 55	48.5	2	2
56 - 69	55.5	3	5
70 - 76	69.5	9	14
77 - 83	76.5	9	23
84 - 90	83.5	2	25

$P_x = Lri + \left(\frac{\frac{Nx}{100} - faa}{fa}\right) i$ $P_{15} = Lri + \left(\frac{\frac{N.15}{100} - faa}{f}\right) i$

$P_{15} = \frac{25 \times 15}{100} = 3.75$ $P_{15} = 55.5 + \left(\frac{3.75 - 2}{3}\right) 7$

$P_{15} = 55.5 + \left(\frac{1.75}{3}\right) 7$ $P_{15} = 55.5 + (0.58)7$

$P_{15} = 55.5 + 4.06$ $P_{15} = 59.56$

$P_x = Lri + \left(\frac{\frac{Nx}{100} - faa}{fa}\right) i$ $P_{70} = Lri + \left(\frac{\frac{N.70}{100} - faa}{f}\right) i$

$P_{70} \cdot \frac{25 \times 70}{100} = 17.5$ $P_{70} = 76.5 + \left(\frac{17.5 - 14}{9}\right) 7$

$P_{70} = 76.5 + \left(\frac{3.5}{4}\right)7$ $P_{70} = 76.5 + (0.39)7$

$P_{70} = 76.5 + 2.73$ $P_{70} = 79.23$

$P_x = Li + \left(\frac{\frac{nx}{100} - faa}{f}\right)i$ $P_{95} = Li + \left(\frac{\frac{n.95}{100} - faa}{f}\right)i$

$\frac{25 \times 95}{100} = 23.75$

$P_{95} = 83.5 + \left(\frac{23.75 - 23}{2}\right)7$ $P_{95} = 83.5 + \frac{(0.38)7}{2}$

$P_{95} = 83.5 \left(\frac{0.38}{2}\right)7$ $P_{95} = 83.5 + 2.66$

$P_{95} = 86.16$