

Puntos obtenidos por 25 alumnos en un examen de 8 preguntas de 100 Bases

Intervalo	L_i	f	F_{a_i}
49-55	48.5	2	2
56-69	55.5	3	5
70-76	69.5	9	14
77-83	74.5	9	23
84-90	83.5	2	25

$$D1 =$$

$$D1 = \frac{25 \times 1}{10} = 2.5 \quad D1 = 55.5 + \left(\frac{2.5 - 2}{3} \right) \cdot 7$$

$$D1 = 55.5 + \left(\frac{0.5}{3} \right) \cdot 7$$

$$D1 = 55.5 + (0.17) \cdot 7$$

$$D1 = 55.5 + 1.19$$

$$D1 = 56.69$$

$$D3 =$$

$$D3 = \frac{25 \times 3}{10} = 7.5$$

$$D3 = 69.5 + \left(\frac{2.5}{9}\right)7$$

$$D3 = 69.5 + 1.94$$

$$D5 =$$

$$D5 = \frac{25 \times 5}{10} = 12.5$$

$$D5 = 69.5 + \left(\frac{7.5}{9}\right)7$$

$$D5 = 69.5 + 5.97$$

$$D4 =$$

$$D4 = \frac{25 \times 4}{10} = 10$$

$$D3 = 69.5 + (7.5 - 5)7$$

$$D3 = 69.5 + (0.28)7$$

$$D3 = \underline{\underline{71.46}}$$

$$D5 = 69.5 + \left(\frac{12.5 - 5}{9}\right)7$$

$$D5 = 69.5 + (0.83)7$$

$$D5 = \underline{\underline{76.31}}$$

$$D4 = 76.5 + \left(\frac{7}{9}\right)7$$

$$D4 = 76.5 + 0.77$$

$$DQ = 76.5 + (15 - 14) \times 7$$

$$DQ = 77.27$$

$$DQ = 76.5 + 9 \times 7$$

$$DQ:$$

$$DQ = \frac{25 + 9}{10} = 22.5 \quad DQ = \frac{76.5 + (22.5 - 14) \times 7}{9}$$

$$DQ = 76.5 + \left(\frac{9}{9}\right) \times 7 \quad DQ = 76.5 + (6.94) \times 7$$

$$DQ = 76.5 + 4.88 \quad DQ = 83.08$$