

$$Q_1 = \frac{U \cdot t - j}{1 \cdot 36000} \quad \text{--- (1)}$$

من (1) نجد:

$$E_1 \times 3600 = U \times t \times j$$

$$U = \frac{E_1 \times 36000}{t \times j}$$

$$U_1 = \frac{117 \times 36000}{12 \times 60} = 5880$$

$$U_3 = \frac{157,8 \times 36000}{12 \times 70} = 6780$$

استنتاج U_2 :

$$U_1 + U_2 + U_3 = 19800$$

$$U_2 = 19800 - (U_1 + U_3)$$

$$U_2 = 19800 - (5880 + 6780)$$

$$U_2 = 7200$$

$$E_2 = \frac{U_2 \cdot t - j}{36000}$$

$$186 = \frac{7200 \times 12 \times j}{36000}$$

$$186 \times 36000 = 7200 \times 12 \times j$$

$$j = \frac{186 \times 36000}{7200 \times 12}$$

$$j = 65$$

تاريخ استحقاق السنة الثالث

4 جويلية

(3)

حل المسئلة الثانية:

$$\Sigma V = 19800$$

$$\frac{t}{t} = 127$$

$$\Sigma E = 430,5$$

$$\frac{E_1}{E_2} = \frac{3}{4} \quad E_2 = 186$$

(1) حساب مصرف الماء

والسنة:

$$\frac{E_1}{E_2} = \frac{3}{4}$$

$$\frac{E_1}{186} = \frac{3}{4}$$

$$E_1 = \frac{186 \times 3}{4} = 117$$

$$E_1 + E_2 + E_3 = 430,5$$

$$117 + 186 + E_3 = 430,5$$

$$E_3 = 430,5 - (117 + 186)$$

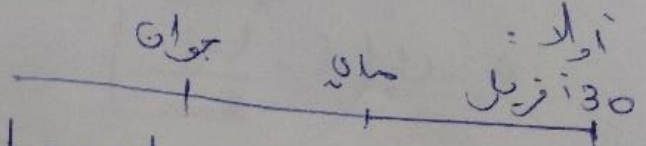
$$E_3 = 157,8$$

$$E_1 = 117, E_2 = 186, E_3 = 157,8$$

(2) حساب القيمة السنوية

للرشد:

أولاً:



$$U_1 = 60 = 29 \text{ جوان} + 31 \text{ ساي}$$

$$U_2 = 30 = 30 \text{ جوان} + 0 \text{ جويلية}$$

$$j = 70$$

$$31 \text{ ساي} + 30 + 4 \text{ جويلية}$$

$$E_1 + E_2 = 46,2 \quad t = 12 \quad E_{no4}$$

$$U_1 + U_2 = 1340 \quad \theta_1 = 90$$

$$U_1 = 1340 - U_2 \quad \theta_2 = 120$$

حل المسألة باستخدام القواعد
من

$$E_1 + E_2 = 46,2$$

$$\frac{U_1 \times t \times j}{36000} + \frac{U_2 \times t \times j}{36000} = 46,2$$

$$\frac{(1340 - U_2) \times t \times j}{36000} + \frac{U_2 \times t \times j}{36000} = 46,2$$

$$\frac{(1340 - U_2) \times 12 \times 90 + U_2 \times 12 \times 120}{36000} = 46,2$$

$$36000$$

$$\frac{1447200 + 360U_2}{36000} = 46,2$$

$$1447200 + 360U_2 = 1663200$$

$$U_2 = 600$$

$$U_1 = 1340 - 600$$

$$U_1 = 740$$

8