$$\tau_1 = 2s \qquad 0 \; ②\; 4 \; 6 \; ⑧\; 10 \; 12 \; ⑭\; 16 \; 18 \; 20 \;\Big\}\; \tilde{\tau}_{01} = 6s, \quad \varphi = 3s$$

$$\tau_2 = 3s \qquad 0 \; ③\; 6 \; ⑨\; 12 \; ⑮\; 18$$

$$\tau_3 = 5s$$

$$\tilde{\tau}_{ij} = Lcm(i,j)$$

$$\tau_4 = 7s \qquad 0 \; 3 \; 6 \; ⑨\; 12 \; 15 \; 18 \; 21 \; ㉔\; 27 \; 30 \;\Big\}\; \tilde{\tau}_{12} = 15s, \quad \varphi = 10s$$

$$\tau_5 = 11s \qquad 0 \; 5 \; ⑩\; 15 \; 20 \; ㉕$$

$$0 \; 5 \; 10 \; 15 \; ⑳\; 25 \; 30 \; 35 \; 40 \; 45 \; 50 \; ㊺\qquad \tilde{\tau} = 35s, \quad \varphi = 21s$$

$$0 \; 7 \; 14 \; ㉑\; 28 \; 35 \; 42 \; 49 \; ㊹$$

$$0 \; 7 \; 14 \; ㉑\; 28 \; 35 \; 42 \; 49 \; 56 \; 63 \; 70 \; 77 \; 84 \; 91 \; ⑨⑧\qquad \tilde{\tau} = 77s, \quad \varphi = 22s$$

$$0 \; 11 \; ㉒\; 33 \; 44 \; 55 \; 66 \; 77 \; 88 \; ㊾$$

$$\varphi = ?$$

$$6a + 3 \qquad = T$$
$$15b + 10 + 1 = T$$
$$35c + 21 + 2 = T$$
$$77d + 22 + 3 = T$$

$$1^\circ \quad T = 68$$
$$2^\circ \quad T = 69$$
$$3^\circ \quad T = 70$$

$$1,2,3: \quad T - 10 \;\%\; 15 = 0 \;\Longrightarrow\; \boxed{T = 70}$$
$$\qquad\qquad T - 1 - 3 \;\%\; 6 = 0$$

$$\Longrightarrow \text{ find } T \in \mathbb{N}: \quad (T - 22)\;\%\; 77 = 0$$
$$(T - 21 - 1)\;\%\; 35 = 0$$
$$(T - 10 - 2)\;\%\; 15 = 0$$
$$(T - 3 - 3)\;\%\; 6 = 0$$