

7(2)

7

T₁

$$1) T_{\text{cycle}} = 2.1 \text{ ns}$$

$$2) S = \frac{2.1}{7} \cdot \frac{N+5-1}{N} \approx 0.3$$

$$3) T_{\text{cycle}} \rightarrow 0.1 \text{ ns}$$

$$\therefore S = \frac{0.1}{7} = \frac{1}{70}$$