- 1. (1)
- 2. Three dependencies

$$I_{i} \Leftrightarrow I_{2}$$

$$I_2 \leftrightarrow I_4$$

$$I_3 \leftrightarrow I_4$$

$$t = \frac{1}{26 \, \text{Hz}} = 0.5 \, \text{ns}$$

Total time =
$$\frac{20 \times 2^{10}}{10 \times 2^{20}}$$

= 2×2^{-10} $s \simeq 2 \times 10^{-3} = 2 \text{ max}$

fround or speed = 600 MHz

= 600×10^6 cycles/see

(yells suppired by $(PU = 300 + 900)$

= 1200

Time = $\frac{2}{1200} = 2 \times 10^{-6}$
 $800 \times 10^6 = 0.002 \text{ msec}$

o/o age of procusor time consumed =
$$\frac{0,002}{2 \times 100}$$

= $\frac{10}{6}$

5. (B) Both B and C are true only.