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على قنبري

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$$CPI = \sum Freq \times Clock\ cycle$$

CPI  $\rightarrow$ 

$$0.15 + \frac{(0.19 \times 2)}{0.38} + \frac{(0.1 \times 2)}{0.2} + \frac{(0.18 \times 2)}{0.36} + \frac{(0.22 \times 3)}{0.66}$$

$$+ \frac{(0.9 \times 5)}{0.5} + \frac{(0.06 \times 24)}{1.44} = 3.69$$

من فدايم CPU Time 3.5 ، بر داري 3.5

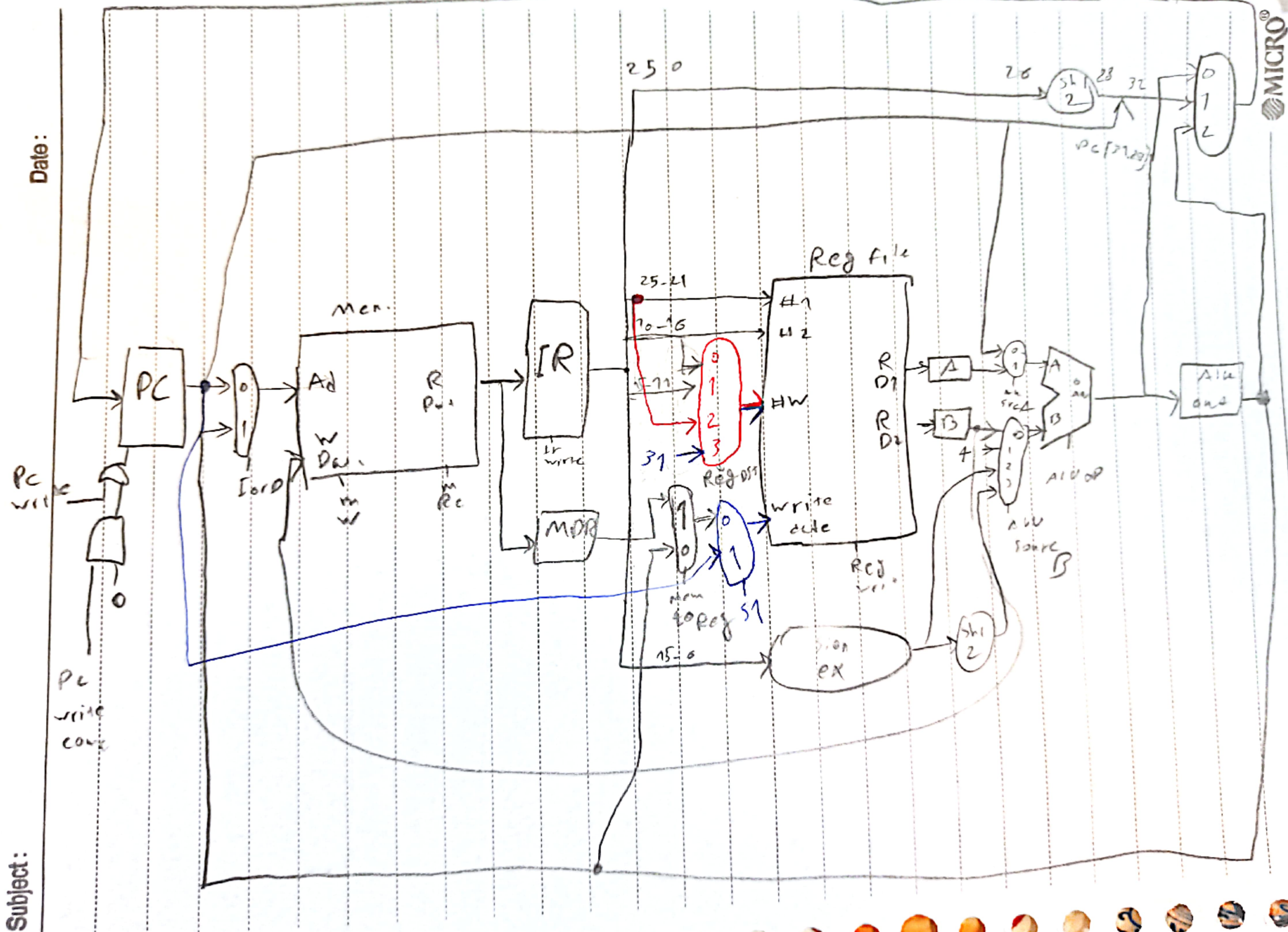
$$3.5 = 3.69 + \underbrace{((0.06 \times 1))}_{\text{branch}} + (0.06 \times 2) + (n \times 3) + (2n \times 5) + \frac{(n \times 24)}{1}$$

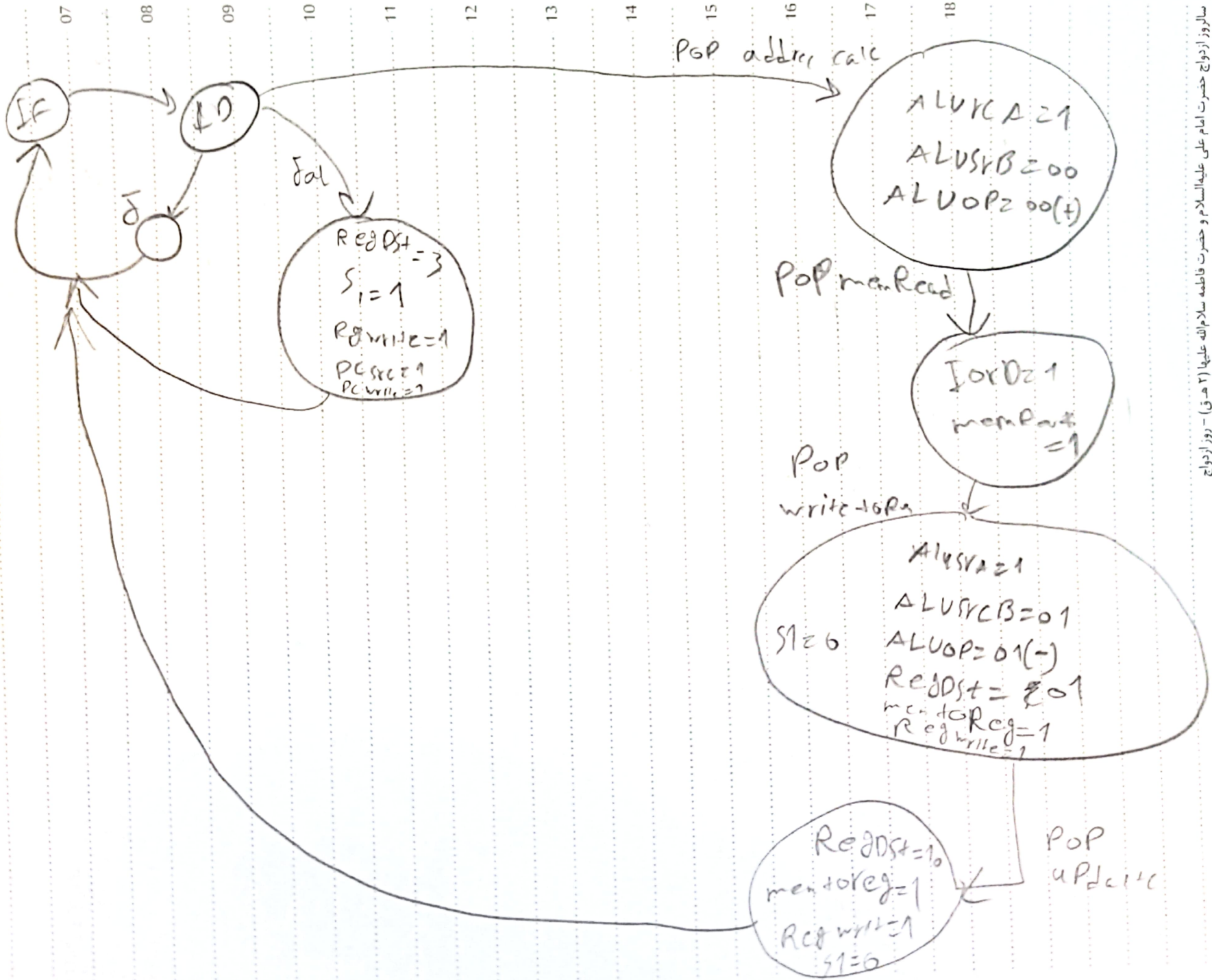
$$-0.37 = 11n \Rightarrow n = 13.36$$

$$\frac{3.36}{6} \times 100 = 156$$

Date:

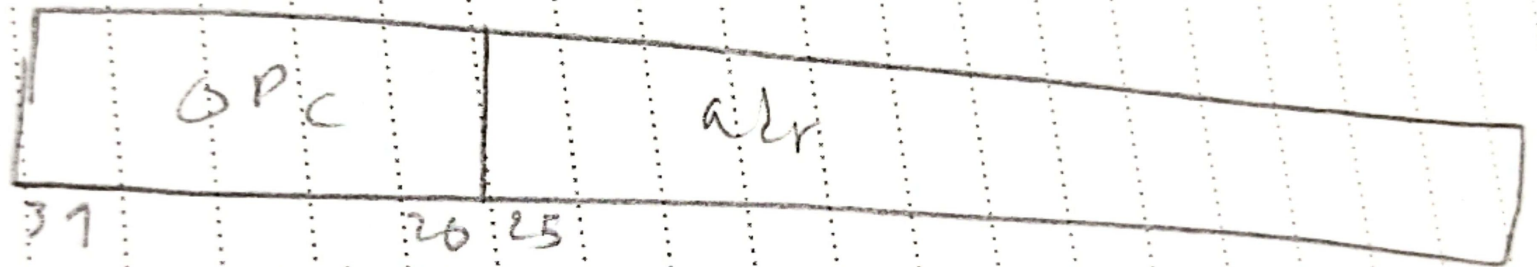
Subject:



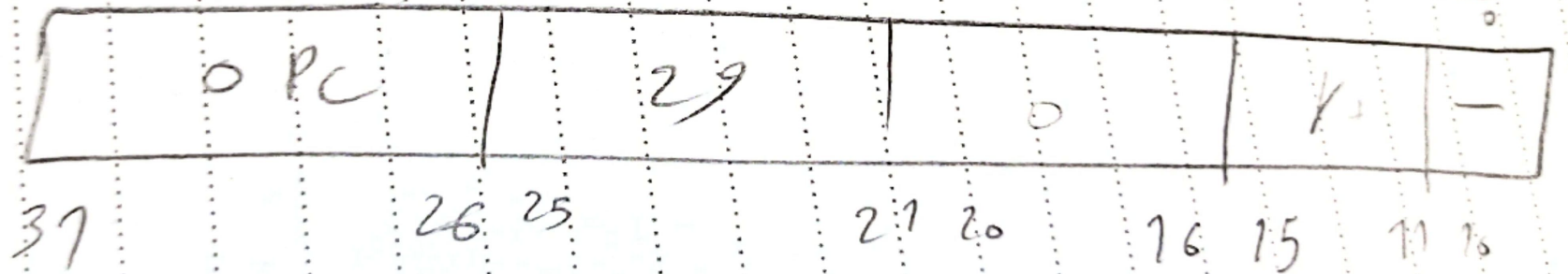




Jal<sup>o</sup>



POP<sup>o</sup><sub>6</sub>



[illegible]