

Question 1: (10 points)

The table below shows the CPI and the percentage of instructions of several classes instructions executed by a program in a given computer. This program executes 10000 instructions and completes its execution in $4.8 \mu s$ ($1 \mu s = 10^{-6} s$) and the processor clock cycle is $200 ps$ ($1 ps = 10^{-12} s$). What is the CPI for instructions of class C?

	Class A	Class B	Class C	Class D
CPI	1	2		5
% of instructions	40	20	20	20