

Computer Architecture

BLG 322E

Homework 3 Report

KAAN KARATAŞ karatask20@itu.edu.tr

1. Question 1

1.1. A - Timeline Diagram

The time diagram for the execution of the program wanted in the question is given below:

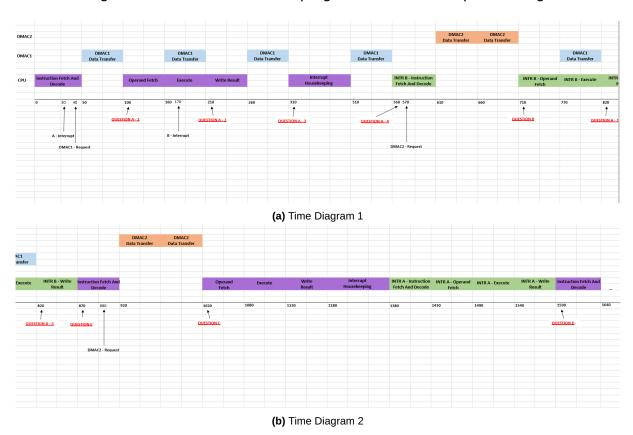


Figure 1.1: Timeline Diagram of Components of the Program

1.2. B - Questions

1.2.1. a)

1st: 100 ns

2nd: 210 ns

3rd: 310 ns

4th: 560 ns

5th: 820 ns

1.2.2. b)

710 ns

1.2.3. c)

1020 ns

1.2.4. d)

1590 ns

1.2.5. e)

870 ns