

# Study Guide for Midterm 1

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## 1 Chapter 1 - Introductory Concepts

1. Consider Fig. 1. (a) If the clock frequency is 10 MHz, what is the period? (b) What is the length of time in the waveform? (c)

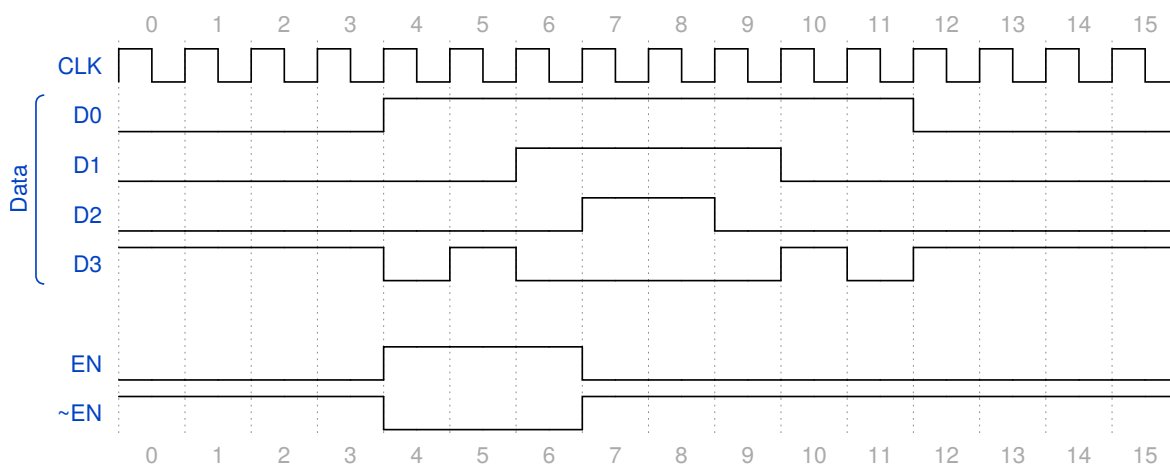


Figure 1:

## 2 Chapter 2

1. Scaling problem:

## 3 Chapter 3

1. Scaling problem:

## 4 Chapter 4

1. Scaling problem:

## 5 Chapter 5

1. Scaling problem: