

# Bookmark File PDF Computer Architecture Midterm Exam Solution

## Computer Architecture Midterm Exam Solution

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15-213/18-213/15-513 Introduction to Computer Systems (ICS ...  
View Test Prep - Midterm Exam 1

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Solutions from ECE 18-447 at  
Carnegie Mellon University. CMU  
18-447 Introduction to Computer  
Architecture, Spring 2014 Midterm  
Exam 1 Date: Wed., 3/5 Instructor:  
Onur

CSE 30321 – Computer Architecture I  
– Fall 2010 Final Exam ...

ECE 171 Winter 2011 Midterm Exam  
Solutions 1. [15] Convert the  
unsigned binary number 11001. For  
base 8 and base 16 show two digits  
for the fractional part. a) Base 2 b)  
Base 8 c) Base 16 [1111.101001...2  
(repeats); 17.518; F.A616] {5 pts/part,  
partial credit if work shown} 3.

CS252 Graduate Computer  
Architecture Midterm 1 Solutions  
EXAM 1 SOLUTIONS x. (6 points)  
Suppose you are designing a

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computer from scratch and that your company ' s budget allows a very small amount of memory bandwidth. Which of the following characteristics would you choose in the ISA and the microarchitecture, and why? Explain briefly. Variable length. instructions or fixed length instructions? Variable length

CSE 490/590 Computer Architecture Midterm Solution

CS252 Graduate Computer

Architecture Midterm 1 Solutions.

Part A: Branch Prediction (22 Points)

Consider a fetch pipeline based on the UltraSparc-III processor (as seen in Lecture 5). In this part, we evaluate the impact of branch prediction on the processor ' s performance.

Assume there are no branch delay slots.

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2010 Midterm Key - University of  
Notre Dame

- You have about 90 minutes for the exam (avg. 15 minutes per problem).
- There are 9 pages in the exam (including this one), plus a 1-page answer sheet for problem number 6. Please ensure you have all pages.
- Be sure to show work and explain what you 've done when asked to do so.

## EXAM 1 SOLUTIONS

1.This is a closed book exam. You are allowed to have one letter-sized cheat sheet. 2.No electronic devices may be used. 3.This exam lasts 1 hour 50 minutes. 4.Clearly indicate your final answer. 5.Please show your work when needed. 6.Please write your initials on every odd page.

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Name: SOLUTIONS

COMP 212 Computer Architecture  
Mid-term Exam Fall 2008 To be fair,  
please do NOT open the exam book,  
until told so. Notice: Mid-term is close  
book, close notes, NO calculator and  
NO discussions. Please write down  
the details of your solutions, partial  
results will be given partial credits.  
Don ' t rush, you should have plenty  
of time, do a careful

ComputerArchitecture EE4720  
MidtermExamination

Write reports and make presentations  
of computer architecture projects.  
The CS 385 Course Learning  
Outcomes support the following  
Student Outcomes (SO): SO-2: Design,  
implement, and evaluate a  
computing-based solution to meet a

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given set of computing requirements in the context of the program ' s discipline (supported by CLO's 5, 6, 7).

COMP 212 Computer Architecture  
Mid-term Exam Fall 2008

Computer Architecture 1 Fall 2011  
Final Exam Solutions, Uppsala  
University Page 2 of 8

False/True&[6points]& Circle either false or true or neither. 0 points for no answer, -1 point for an incorrect answer, +1 point for a correct answer.

4a. For forwarding you need only look at the data available in the WB stage.

False True False.

Computer Architecture Midterm  
Exam Solution

CSE 490/590 Computer Architecture  
Midterm Solution DIRECTIONS Time

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limit: 45 minutes (12pm - 12:45pm)

There are 40 points plus 5 bonus points. This is a closed-book, no calculator, closed-notes exam.

exams [18-447 Introduction to  
Computer Architecture ...  
Midterm Exam; Solution; Results;  
Nanotechnology Circuit Design;  
Reference ... Computer Architecture &  
Computer Architecture Lab;  
References ...

CS 385 - Computer Architecture  
CSE 410 Sp06 Midterm Exam I. [4] In  
the MIPS architecture that we are  
studying, the expression one word of  
memory has a ... The figure shown  
here is copied from SPIM and shows  
part of the HW2 solution after it was  
... CSE 410 sp06 Midterm Exam 14. [4]  
In MIPS assembly language, there



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exists a pseudo-op called seq (set equal). ...

[courses.cs.washington.edu](https://courses.cs.washington.edu)  
18-447 Introduction to Computer  
Architecture – Spring 2013. User  
Tools. Login; Site Tools Media  
Manager; Sidebar. Home. Materials ...  
Technical Docs. Resources. Q&A  
Forum. Grades. 447 from Spring '12.  
exams. Exams. Exam 1: (Wed. 3/6)  
Exam 1 Information. Spring '12 Exam  
1 . Exam 1 . Grade Distribution. Exam  
2: (Wed. 4/17) Spring '12 Exam 2 ...

Midterm Exam Solutions | Encodings |  
Computer Architecture  
ECM534 Advanced Computer  
Architecture. Instructor: Prof.  
Taeweon Suh. Fall 2019. Time: ...  
Digital Design and Computer  
Architecture by David M. Harris and

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Sarah L. Harris, Morgan Kaufmann,  
2012. Reference: Computer  
Organization and Design by David  
Patterson and John Hennessy, 5th  
edition, ... Quiz#2 solution. Midterm  
Exam, ...

EECS 470 Midterm Exam - Solutions -  
WordPress.com

solutions\_sample\_exam\_problem4

Syracuse University Computer

Architecture CIS 655 - Spring 2016 ...

Computer Architecture Tests

Questions & Answers. Showing 1 to 1  
of 1 View all . I'm wondering if anyone  
could help me with this question:

Here is a series of address references  
for a program given as word  
addresses: 1, 4, 8, 5, 20, 17, 19, ...

CIS 655 : Computer Architecture -  
Syracuse University

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Solution: Given that the physical address is 20 bits long, and the tag is 11 bits, there are 9 bits left over for the index and offset We can determine the number of bits of offset as the problem states that: - Data is word addressable and words are 8 bits long - Each block holds 16 bytes

18-447 Intro to Computer  
Architecture, Spring 2012 Midterm ...

1.This is a closed book exam. You are allowed to have two letter-sized cheat sheets. 2.No electronic devices may be used. 3.This exam lasts 1 hour 50 minutes. 4.Clearly indicate your nal answer. 5.Please show your work when needed. 6.Please write your initials on every odd page.

ECM534 Advanced Computer

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Architecture - Korea University  
Midterm Exam - June 29th. The  
nominal time for the exam is 80  
minutes, but students will have 4  
hours to complete the exam, starting  
from the beginning of the time slot.  
You are responsible for everything in  
Chapters 1-3 and Chapter 6 in your  
textbook. Your TAs will hold an exam  
review.

Midterm Exam 1 Solutions - CMU  
18-447 Introduction to ...

The solution appears on the previous  
page. Looking at the code execution  
example, notice that in the original  
pipeline (see the previous page) at  
cycle 3 the load instruction must be  
placing its weand fdvalues in the  
A2stage, but that would replace  
(clobber)

