

Final examination

- **Saturday, 17 June, 9:15 am – 12:30 am, Sports Hall**
→ *Please verify date, time and location*
- 15 minutes reading time (9:15-9:30)
- Permitted material:
 - A4 page (one sheet) with notes on both sides (no attachments)
 - Dictionary for students with written departmental approval only
- **NO calculator permitted!** (not needed)
- Necessary PeANUt instruction set is given on the exam paper
- Same format as last year (write into boxes on exam paper)
- No optional questions (no choices)

Final mark

- Examination is worth 70% of your final mark
- Sum of assignments 1 and 2 is worth 30% of your final mark
- Final course mark is sum of assignment and exam marks
- Please also read the **Assessment Scheme** on the COMP2300 Web site
- Assignment 2 marks will be available in Streams soon
(you have until **14 June** to question your assignment 2 mark)
- Supplementary exams will be awarded only to those students who have a final mark of AT LEAST 45/100 but less than 50/100

Exam topics

1. Fundamental concepts (10 marks)

Number systems, two's complement, floating-point numbers, computer architectures, CPU architectures and functions, basic binary operations, etc.

2. C language (15 marks)

Understanding and writing C codes, functions, arrays, string handling, etc.

3. Assembly Level Machine Organisation (20 marks)

PeANUt architecture, assembly language, simple programs, stack, traps, procedure calls, etc.

4. Memory Systems and Modern Machine (15 marks)

Virtual memory, SPARC assembly language, x86/IA32, etc.

5. Operating Systems and Interconnection Networks (10 marks)

Concepts, history, processes, symbol tables, file systems, input and output, communications model, network topology, routing, etc.

No longer applicable: 2003 Q5(b)(d)(g), 2002 Q5(f), 2001 Q5(c)(d), 2000 Q5(a)(b)(e)(f)

Questions and contact hours

- Phorum **comp2300.talk** (potentially 110 people who can help!)
- Office contact hours Peter Strazdins:
 - Before Jun 13: as advertised on Peter's contact page (but also available for any time slot reserved for 'comp2300')
 - Jun 13th – 15th: Tues 14-17, Wed 17-18, Thu 16-18
- Office contact hours Peter Christen:
 - Monday 14–16 (except 12 June, public holiday)
 - Thursday 14–16
- Check COMP2300 Web site (*Staff contact details*)
- Otherwise please contact us by E-Mail first to make an appointment

Good luck to everybody!