

Structural Analysis III
Semester 1 Exam Information

Semester 1
2007/8

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1. Exam Format

Layout

There will be 3 questions and you are to answer all 3.

Marking

The marking scheme is:

- Question 1 is worth 20 marks;
- Question 2 is worth 40 marks;
- Question 3 is worth 40 marks.

Timing

The exam is 2 hours in duration. The time allotted to each question should reflect the marks attached to the question: 24, 48 and 48 mins for Qs 1, 2 and 3 respectively.

Format

- Question 1 will have two parts, corresponding to parts (a) and (b) of Q1 from previous exam papers.
- Question 2 will examine Moment Distribution.
- Question 3 will examine Mohr's Theorems.

Question 2 and 3 will be of the same style as previous exam papers.

Exam Handout

The handout attached is attached to the sample exam paper.

2. Relevant Past Exam Questions

The following table indicates questions (or parts thereof) from previous years exam papers as they correspond to the new Semester 1 exam. Note that the style of questions in the Semester 1 exam will be kept similar to previous years (note the exception of 2002 and 2003, however).

Past Summer Exam by Year	Semester 1 Exam Questions		
	Question 1 (20 marks) Structure Properties	Question 2 (40 marks) Moment Distribution	Question 3 (40 Marks) Mohr's Theorems
2007	Q1 (a) and (b)	Q2	Q4(a)
2006	Q1 (a) and (b)	Q2	Q3
2005	Q1 (a) and (b)	Q2	Q3
2004	Q1 (a) and (b)	Q2	Q4(a)
2003*	Parts of all questions	Most of Q1	Most of Q2(a)
2002*	Q1 (a) and (b)	Q2	Q4(b)
2001	Q1 (a) and (b)	Q2	Q4
2000	Q1 (a) and (b)	Q2	Q4
1999	Q1 (a) and (b)	Q2	Q4
1998	Q1 (a) and (b)	Q2	Q4
1997	Q1 (a) and (b)	Q2	Q4

* In these years the exam format and style of question was altered considerably.