

MA30237: Group Theory

Exam information

Bookwork and exercises from the problem sheets: 60% .

When preparing for the exam, it is a good idea to go through all the problem sheets. The seen part of the exam would be taken from the lecture notes as well as from the problem sheets. Previous four exam papers may also be helpful to get a general feel for the structure. Make sure you know all the definitions and main results with proofs (if examinable).

The following is not examinable (the numbers are for the online notes):

Chapter 0. Not examinable. Thus exercises 2 and 3 on Sheet 1 are not examinable either.

Chapter 1. The proofs of Theorems 1.9 and 1.12.

Chapter 2. The proofs of Proposition 2.8 and Theorem 2.9.

Chapter 4. The proofs of Lemma 4.3 and Theorem 4.4.

Chapter 5. The proofs of Theorem 5.3, Corollary 5.5 and Theorem 5.9.

Chapter 6. The external semidirect product is not examinable but the internal semidirect product is. Thus exercise 1 on sheet 10 is not examinable either.

Notice that only the proofs of the results from Chapters 1-5 mentioned above are not examinable. You should know the results.