Exam Format

- The exam paper will consist of three sections (corresponding to Group Theory, Rings and Modules, and Representation Theory), and there will be two questions in each section. You are required to answer **four** questions in total, with **at least one** question from each section.

Examinable Material

- **Everything** in the lecture notes (including proofs) is examinable, except Sections 3.5 and 3.6 of the Representation Theory notes.

General Exam Guidance

- (**most important**) Write in **sentences**. What you write **must** make logical sense, and must be human–readable. Mathematics that reads like random pieces of information will be treated as such, and will obtain a zero mark.

- (next important) The way that you justify your answer is **much** more important than simply obtaining the 'correct' answer. It is important to realise that, even if you don't 'see' how to obtain the correct solution, you can obtain most (sometimes all) of the marks through partial working. Thus, even if you come out of an exam thinking you did not get many answers, **provided that you write in sentences** then it is very likely that you will obtain sufficient marks to pass.

- Answers with no justification will obtain a **zero mark**. The whole point in mathematics is to be able to argue that your answer is correct. You will **always** have to justify your answer, unless the question explicitly tells you not to do so.

- In true or false questions, just stating 'true' or 'false' will obtain **zero marks** unless you justify your answer (or the question tells you that you do not need to justify your answer).

- (also very important) Have **confidence in yourself**. If, when you read over your script, you have written logically and in sentences, **have the confidence** that what you have written will obtain all or most of the credit available.