

## Exam Breakdown

	<u>STANDARD LEVEL</u>	<u>HIGHER LEVEL</u>
PAPER 1:	20%	20%
PAPER 2:	40%	36%
PAPER 3:	20%	24%
INTERNAL ASSESSMENT:	20%	20%

- Forget about your IA
- Paper 2 is worth the most

### Paper 1

- 1 hour, 40 multiple choice questions, NO Calculator but there is Data Booklet
- 1-1.5 min per question. Don't panic. Skip and come back. You need minimum 30/40.
- 50% of questions require multiple steps of working
- Most Common Topics (prioritise these topics)([gradegorilla.com](https://www.gradegorilla.com) to practice topic-specific questions)
  1. Topic 2 Mechanics (about 16% of paper)
  2. Top 4 & 9 Waves (about 16% of paper)
  3. Topic 11 Electromagnetic Induction
  4. Topic 12 Quantum and Nuclear Physics
- 1 question from Topic 1 Measurements and Uncertainties

### Paper 2

- 2 hours 15 minutes, 95 marks, YES Calculator and Data Booklet
- Full of short-answer and extended-response questions.
- Topic 1 will not be examined.
  1. Topic 2 Mechanics
  2. Topic 4 & 9 Waves
  3. Topic 5 & 11 Electromagnetism

#### 4. Topic 12 Quantum and Nuclear Physics

- Perfect these topics and do past papers.
- Open your data booklet to the topic when you are doing the question.
- With graphs, you most likely need gradient or area
- Look at units in questions and graph axis (mA  $10^{-3}$  or A or MA  $10^6$ )
- If the answer is in the question, then it is most likely needed in the next part.
- Don't panic if you can't do the first part. Check your data booklet. See if the next part can be done. Come back to the question later. It's ok. Calm down.

#### **Paper 3 (67% option paper and 33% experiments and Topic 1)**

- 1 hour 15 minutes, 45 marks, YES Calculator and Data Booklet
- Like Paper 2, there are short answer and extended-response questions
- MUCH easier than all papers. You can perfect this paper. See the tips below.
- Split up in 2 sections:
  - A. 15 Marks, Topic 1 and Experiments
  - B. 30 Marks, Imaging

#### Tips

- **Questions repeat themselves for Option- Do as many Past Papers as possible.**
- Learn all the definitions for Topic 1 and Imaging
- Use Data Booklet and remember all other formulas for Imaging