

Part III — Physics exam booklet

Based on lectures by Brian

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These notes are not endorsed by the lecturers, and I have modified them (often significantly) after lectures. They are nowhere near accurate representations of what was actually lectured, and in particular, all errors are almost surely mine.

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1 Marking - Paper 1

1.1 Mechanics

Concept (Center of mass).

- (1M) The position through which all the weight **acts**
- (1M) **See if it will balance in a pvot.**

1.2 Fluid Mechanics

Concept (Tubular flow).

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Concept (Laminar flow).

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Concept (Terminal velocity).

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Concept.

1.3 Material

2 Marking - Paper 2

3 Marking - Paper 4

4 Marking - Paper 5

5 Marking - Paper 3 and 6

6 Mistakes

7 Skills

Proposition (Notices). Notice that many students lost their marks for those mistakes:

- Unit
- Use of physics terms

Proposition (QWC). Please answer the QWC step by step , the following step are:

- Default
- Process
- Results