

A level Physics 2022-23

Exam Board: AQA (Specification code: 7408)

Summer Examinations

Paper 1: Friday 24th May

Covers topics 1-5 and 6.1

2 hours

85 marks:

- 60 marks: a mixture of short and long answer questions
- 25 marks: multiple choice questions

Worth 34% of the A-level

Topics:

1 Measurements and their errors

2 Particles and radiation

3 Waves

4 Mechanics and materials

5 Electricity

6.1 Periodic motion

Paper 2 Friday 9th June

Covers topics 6.2,7 and 8 and assumed knowledge from sections 1 to 6.1

85 marks

- 60 marks: a mixture of short and long answer questions
- 25 marks: multiple choice questions

Worth 34% of the A level

Topics:

6.2 Thermal physics

7 Fields and their consequences

8 Nuclear physics

Paper 3: Thursday 15th June

Section A: Compulsory section: practical skills and data analysis

Section B: Option section 9: **Astrophysics**

80 marks

- Section A 45 marks: short and long answer questions on practical experiments and data analysis
- Section B 35 marks: short and long answer questions

Worth 32% of the A-level

Revision resources for all exams:

Students have been provided with a range of resources on Google Classroom and Sharepoint including:

Exam specification, revision notes, lesson powerpoints, past exam questions and revision work books

Revision classes:

Week A Monday after school in SC5 with Mr Sears

Student guide: How to revise

- 1) Select an area or topic you want to revise**
- 2) Read the section through**
- 3) Create a set of revision notes on that area:**

The important thing about creating revision notes is that you change the form of work. If you copy something your brain is very inactive, and you will remember very little. If you change the form e.g. turn text into diagrams, your brain is much more active and you will remember much more depth and detail.

Some examples of possible types of revision notes

- Mind maps
- Concept maps (this will link topic areas & ideas together so you can see the links and patterns in the learning)
- Create question and answers
- Cue cards (these could be used in conjunction with questions & answers, as well as key terms & definitions or key concepts)

You have to find out what works for you. We all have a different favourite food and our brains all have a different favourite way of revising. Try many different methods until you find what works best for you. Variety is also important for your brain so give it a change every now and again as well.

- 4) Have a break away from your revision**
- 5) Do a brain dump**

On a blank sheet of paper write down everything you can remember about your revision notes in as much detail as possible.

- 6) Review what you know and what you don't know**

Go back to your revision notes and compare it to your brain dump. Highlight on the revision notes all the things you didn't write in the brain dump. These are the things you don't know and now need to do more work on.

- 7) Produce a second set of revision notes just on the highlighted areas.**

Make a big effort to personalise it as much as possible. Mnemonics or rhymes are really good way to help tricky information or concepts stick. Try them as part of your revision notes.

You will need to keep reviewing with brain dumps throughout your revision for all the notes. To keep checking what you know and trying to move information from short term to long term memory. Just like walking you only got so good at it by practicing again and again and again...