



Physics

Examination Board (AQA)

Studying the Subject/Subject Content:

- Particles and radiation
- Waves
- Mechanics and energy
- Electricity
- Further mechanics and thermal physics
- Fields
- Nuclear physics

Options:

- Astrophysics
- Medical physics
- Engineering physics
- Turning points in physics
- Electronics

Assessment:

Year 1

Paper 1

What's assessed

Sections 1 - 5

Assessed

- written exam: 1 hour 30 minutes
- 70 marks

Questions

70 marks of short and long answer questions split by topic.

Paper 2

What's assessed

Sections 1 - 5

Assessed

- written exam: 1 hour 30 minutes
- 70 marks

Questions

Section A: 20 marks of short and long answer questions on practical skills and data analysis

Section B: 20 marks of short and long answer questions from across all areas of AS content

Section C: 30 multiple choice questions

Year 2

Paper 1

What's assessed

Sections 1 to 5 and 6.1 (Periodic motion)

Assessed

- written exam: 2 hours
- 85 marks
- 34% of A-level

Questions

60 marks of short and long answer questions and 25 multiple choice questions on content.

Paper 2

What's assessed

Sections 6.2 (Thermal Physics), 7 and 8

Assumed knowledge from sections 1 to 6.1

Assessed

- written exam: 2 hours
- 85 marks
- 34% of A-level

Questions

60 marks of short and long answer questions and 25 multiple choice questions on content.

Paper 3

What's assessed

Section A Compulsory section: Practical skills and data analysis

Section B: Students enter for one of sections 9, 10, 11, 12 or 13

Assessed

- written exam: 2 hours
- 80 marks
- 32% of A-level

Questions

45 marks of short and long answer questions on practical experiments and data analysis.

35 marks of short and long answer questions on optional topic.

What could you do after studying this subject?

- Mechanical engineering
- Civil engineering
- Medicine
- Astrophysics
- Aeronautical physics

Subject specific entry requirements:

Science – Grade B (Double award)

Physics – Grade B (Separate Science)

Maths - Grade B

Suggested reading material:

New Scientist
Physics for you