

GCSE Combined Science

Higher

Physics Paper 1

AQA

Predicted Paper Feedback:

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AQA 2023 - Set A - Physics Paper 1

Results

Result:	30/70	42.86%
Grade:	6	

Grade Boundaries

Grade	9	8	7	6	5	4	3	2	1
Mark	44	38	32	26	20	14	10	N/A	N/A

Mark Breakdown

Physics Paper 1			
Question	Marks Available	Marks Awarded	Topic
01.1	3	3	Nuclear Radiation
01.2	1	1	Nuclear Radiation
01.3	2	2	Nuclear Radiation
01.4	1	0	Uses and Risks of Radiation
01.5	2	0	Radioactive Half life
02.1	1	1	Energy Changes
02.2	1	1	Energy Changes
02.3	1	1	Energy Changes
02.4	1	0	Energy Changes
02.5	5	3	Energy Changes
03.1	4	3	Atomic Structure
03.2	1	1	Atomic Structure
03.3	1	0	Atomic Structure
03.4	2	0	Atomic Structure
03.5	6	3	Atomic Structure
04.1	1	1	States of Matter
04.2	1	1	States of Matter

04.3	3	2	Comparing Results
04.4	4	2	Gases and Pressure
05.1	2	2	Energy Stores and Systems
05.2	6	3	Energy Calculations
05.3	2	0	Energy Calculations
06.1	3	0	Potential Difference and Resistance
06.2	4	0	Graphs and Data
06.3	1	0	Errors and Uncertainty
06.4	2	0	Resistors
06.5	3	0	Electrical Charge and Current
06.6	6	0	Resistors
Total	70	30	

Topic-by-Topic Performance

Key	Description
	You performed well on this topic.
	OK, but this topic needs some improvement.
	This is a topic to focus on.

Revise here: <https://mmerevise.co.uk/gcse-science-revision/>

or

Click on the topics for topic specific revision.

Topic Area	Topic	Marks Available	Marks Awarded	% Score	Performance
Energy	Energy Changes	9	6	66.67	
Energy	Energy Stores and Systems	2	2	100.00	
Energy	Energy Calculations	8	3	37.50	
Electricity	Potential Difference and Resistance	3	0	0.00	
Electricity	Resistors	8	0	0.00	
Electricity	Electrical Charge and Current	3	0	0.00	
Particle Model of Matter	States of Matter	2	2	100.00	
Particle Model of Matter	Gases and Pressure	4	2	50.00	
Atomic Structure	Nuclear Radiation	6	6	100.00	
Atomic Structure	Uses and Risks of Radiation	1	0	0.00	
Atomic Structure	Radioactive Half life	2	0	0.00	
Atomic Structure	Atomic Structure	14	7	50.00	
Scientific Methods	Comparing Results	3	2	66.67	
Scientific Methods	Graphs and Data	4	0	0.00	
Scientific Methods	Errors and Uncertainty	1	0	0.00	
Total		70	30	42.86	

Examiner's Feedback

Areas of Good Performance

The student performed the best in the following three areas:

- [Nuclear Radiation](#)
- [Energy Stores and Systems](#)
- [States of Matter](#)

Areas for Improvement

The student struggled the most in the following three areas:

- [Resistors](#)
- [Graphs and Data](#)
- [Electrical Charge and Current](#)

Examiners Comments and Advice

The student achieved a good result in this paper. There were some areas where they performed particularly well on, which have been highlighted in green. Going forward I would recommend that they go back through their revision materials to consolidate their knowledge first, focussing on any topics outlined in the Areas for Improvement section. Once they have done this, I would advise them to revise any more topics where they had red or orange performance, outlined above. Once they have done so, I would recommend them sitting some more practice papers, to see if their scores improve.