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OCR A LEVEL PHYSICS A (H556): QUESTIONS BY TOPIC

Nature of quantities (2.3)

A Level Physics A (H556) · Module 2: Foundations of physics

2 questions · 2 marks · Mark schemes included

OCR A Level Physics A (H556), June 2017 – June 2025

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 info@guidemygrades.com

 Piccadilly Business Centre, Unit C, Aldow Enterprise Park
Blackett Street, Manchester, M12 6AE

HOW TO USE THIS BOOKLET

Questions are grouped by specification sub-topic and run from the lowest mark tariff to the highest within each one.

Click any row below to jump straight to that sub-topic or question.

On every question page, click ANSWER in the top-right corner to jump to its mark scheme.

Diagrams, graphs, tables and data are printed exactly as they appeared in the original papers.

QUESTION	SOURCE	MARKS	PAGE
2.3.1 SCALARS AND VECTORS		2 Qs · 2 marks	3
1. Q1	also 3.5 & 3.1 & 4.4 & 5.2	H556/01 Modelling physics June 2022	14
2. Q1	also 3.5 & 3.3 & 3.1 & 5.4	H556/01 Modelling physics June 2023	5

QUESTIONS

2 questions · 2 marks · 1 sub-topics



SUB-TOPIC 2.3.1

SCALARS AND VECTORS

Sub-topic 2.3.1 · 2 questions · 2 marks · lowest tariff first



- 1 A student has constructed the table below of possible scalar and vector quantities.

	Scalar	Vector
A	acceleration	momentum
B	displacement	amplitude
C	frequency	wavelength
D	mass	centripetal force

Which row is correct?

Your answer

[1]



1 Which row contains **only** scalar quantities?

A Absolute temperature, displacement, moment

B Acceleration, force, momentum

C Gravitational potential, kinetic energy, mass

D Kinetic energy, mass, momentum

Your answer

[1]



MARK SCHEMES

official mark schemes



1	D	1	
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1	C	1	
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