

EXAMPLE GRAMMAR SCHOOL

ESAT Mock: Mark Scheme

Physics

Paper SMP-2026-09 • Version 1.0

Answer grid

Q	Ans	Q	Ans	Q	Ans
1	F	10	D		
2	B				
3	B				
4	H				
5	B				
6	D				
7	D				
8	E				
9	A				

Totals

10 marks available, 1 mark per question. There is no negative marking, so a wrong answer scores zero and never a negative. Only the answer sheet is marked.

Diagnostic table

Use this to see which topics the cohort is losing marks on.

Q	Ans	Node	Group	Topic	Difficulty
1	F	P7.1	P7	Radioactivity	★★★★☆
2	B	P6.3	P6	Waves	★★★★☆
3	B	P5.4	P5	Matter	★★★★☆
4	H	P3.7	P3	Energy	★★★☆☆
5	B	P1.1	P1	Electricity	★★★☆☆
6	D	P2.1	P2	Magnetism and electromagnetism	★★★☆☆
7	D	P2.3	P2	The motor effect	★★★☆☆
8	E	P1.1	P1	Electricity	★★★☆☆
9	A	P4.4	P4	Thermal physics	★★★★☆
10	D	P4.2	P4	Thermal physics	★★★★☆

Marks available by topic group

Group	Topic	Marks
P1	Electricity	2
P2	Magnetism and electromagnetism	2
P3	Mechanics	1
P4	Thermal physics	2
P5	Matter	1
P6	Waves	1
P7	Radioactivity	1
Total		10

Worked solutions for every question are in the separate worked solutions document.