2021 Physics
Section 1

Higher

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The following table provides information on each question including: Course content being assessed, Skills assessed (see Physics Understanding Standards materials for a definition of each code); Maximum Mark; A-type marks.

Question	Part	Course content	Skills assessed	Maximum mark	A-type marks
1		Our dynamic Universe - motion-equations and graphs	K3	1	
2		Our dynamic Universe - motion-equations and graphs	K1	1	
3		Our dynamic Universe - motion-equations and graphs	K3	1	
4		Our dynamic Universe - forces, energy, and power	K3	1	1
5		Our dynamic Universe - forces, energy, and power	S6	1	
6		Our dynamic Universe - forces, energy, and power	K3	1	
7		Our dynamic Universe - collisions, explosions, and impulse	K3	1	
8		Our dynamic Universe - skills	S4	1	
9		Our dynamic Universe - special relativity	K1	1	
10		Our dynamic Universe - special relativity	K3	1	
11		Our dynamic Universe - expanding Universe	K3	1	1
12		Our dynamic Universe - expanding Universe	K1	1	
13		Particles and waves - forces on charged particles	S6	1	1
14		Particles and waves - Standard Model	K1	1	
15		Particles and waves - Standard Model	S4	1	1
16		Particles and waves - nuclear reactions	K3	1	
17		Particles and waves - wave-particle duality	S5	1	
18		Particles and waves - interference	K3	1	1
19		Particles and waves - refraction of light	K3	1	
20		Particles and waves - refraction of light	S6	1	1
21		Electricity - current, potential difference, power, and resistance	K3	1	
22		Electricity - current, potential difference, power, and resistance	K3	1	
23		Electricity - capacitors	K1	1	
24		Electricity - capacitors	K3	1	
25		Electricity - capacitors	S6	1	