

Q1. (2018)

03.1	equal to		1	AO1 6.5.4.2.3
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Q2. (2019)

01.1	electrostatic		1	AO1 6.5.1.2	A
	gravitational		1		

Q3. (2019)

01.3	bring two unlike poles close together	allow north and south poles together allow opposite poles	1	AO1 6.7.1.1	E
	bring two like poles close together	allow two north / south poles	1		
		allow N for north and S for south			

Q4. (2020)

01.4	arrow in opposite direction		1	AO1 6.5.4.2.3
	arrow same length drawn from the ball		1	

Q5. (2020)

02.5	the spring/key will not move far enough		1	AO3 6.5.3
	so will not press the (electrical contact) switch		1	

Q6. (2020)

04.2	gravitational force		1	AO1 6.5.1.2
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Q7. (2021)

01.1	electrostatic force		1	AO1 6.5.1.2
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Q8. (2021)

01.3	normal contact force		1	AO1 6.5.1.2
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Q9. (2022)

03.2	$W = 0.150 \times 9.8$		1	AO2 6.5.1.3
	$W = 1.47 \text{ (N)}$	allow 1.5 (N)	1	

Q10. (2023)

01.2	a gravitational		1	AO1 6.5.1.3
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Q11. (2024)

01.1	gravitational force		1	AO1 6.5.4.1.5
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