

Eduqas Physics GCSE
Topic 8.1: Permanent and induced
magnetism, magnetic forces and fields
Mark Schemes for Questions by topic

1.

Question	Answers	Extra information	Mark	AO / Spec. Ref.
02.1	induced		1	AO1/1 4.7.1.1
02.2	bar 2 (the same end) of bar 1 attracts both ends of bar 2 or only two magnets can repel so cannot be bar 1 or bar 3		1 1	AO2/1 4.7.1.1
02.3	so the results for each magnet can be compared or so there is only one independent variable	fair test is insufficient allow different thickness of paper would affect number of sheets each magnet could hold accept it is a control variable	1	AO3/1a 4.7.1 WS2.2
02.4	because the magnet with the biggest area was not the strongest	accept any correct reason that confirms the hypothesis is wrong eg smallest magnet holds more sheets than the largest	1	AO3/1b 4.7.1 WS3.6
Total			5	

- 2. C
- 3. A
- 4. C
- 5. A
- 6. A
- 7. A
- 8. A