Practice Question Set For GCSE

Subject: Physics

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[9]

Paper-2 Topic: GCSE Triple Science_Magnetism And Electromagnetism(LDQ)

Name of the Student:

Max. Marks: 17 Marks Time: 17 Minutes

Mark Schemes

Q1.

(a) direction (of the magnetic field)

(b) increase the current in the wire

(c)

(d) DABC

allow 1 mark for DBAC

- (e) decrease the distance between the electromagnet and the iron arm
- (f) $period = \frac{1}{6.25}$ period = 0.16 (s)

(g) **B**

Q2.

(a) all ticks correct

	Attract	Repel
N S N S	✓	
S N S N	~	
N S S N		~
S N S		~

allow 1 mark for 3 correct ticks

	and it many for a correct tiente	2
(b)	the magnetic field gets weaker further from the magnet	1
	the magnetic field is strongest at the poles	1
(c)	iron	1
(d)	coil	1
(e)	the magnetic field would be stronger	1
(f)	the magnetic field would be weaker	1

[8]