Practice Question Set For GCSE
Subject : Physics
Paper-2 Topic: Magnetism And Electromagnetism (Low Demand Questions)

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Name of the Student:_____
Max. Marks : 17 Marks **Time : 17 Minutes**

Mark Schemes

Q1.

(a) electrostatic

1

gravitational

1

(b) D

1

(c) bring two unlike poles close together

allow north and south poles
allow opposite poles

1

bring two like poles close together

allow two north / south poles
allow N for north and S for south

1

(d) induced magnetism

1

(e) all 4 poles correctly labelled north and south

allow N for north and S for south
allow 1 mark for 2 or 3 correctly labelled poles

2

[8]

Q2.

(a) S – top, N – bottom

1

(b) touch / attracted to magnet **A**

1

(c) the magnetic needles point to the north pole

1

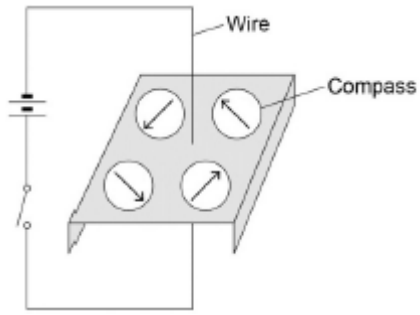
because The Earth has a magnetic field

1

*accept the needles align to the Earth's magnetic field for **2** marks*

(d)

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1

(e) point in the opposite direction

change direction is insufficient

1

(f) uniform field lines through the wire coil.

1

field lines curving round the top and bottom of the wire coil.

1

arrows indicating direction from N to S

*do **not** accept conflicting arrows*

1

[9]

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