



education

Department of
Education
FREE STATE PROVINCE

PRACTICAL TASK / *PRAKTIESE TAAK*

GRADE 10 / *GRAAD 10*

**PHYSICAL SCIENCES
*FISIESE WETENSKAPPE***

MEMORANDUM

JUNE 2018 / *JUNIE 2018*

MARKS: 15 / *PUNTE: 15*

TIME: 30 MINUTES / *TYD: 30 MINUTE*

This memorandum consists of TWO pages.
Hierdie memorandum bestaan uit TWEE bladsye.

QUESTION 1 / VRAAG 1

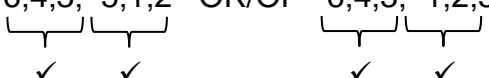
1.1 A, D, E & G

Marking criteria / Nasienriglyne	
Any two correct letters. <i>Enige twee korrekte letters.</i>	✓
One additional letter correct. <i>Een bykomende letter korrek.</i>	✓
Another additional letter correct. <i>Nog 'n bykomende letter korrek.</i>	✓

-1 per additional letter if five or more were given.

-1 per bykomende letter as vyf of meer gegee is.

(3)

1.2 6;4;3; 5;1;2 OR/OF 6;4;3; 1;2;5


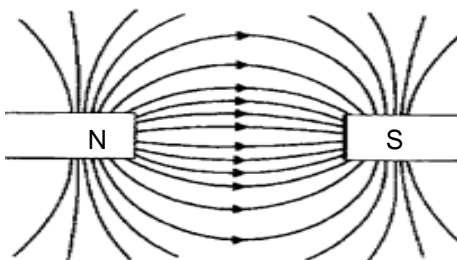
(2)

1.3 The magnetic field is more concentrated at the poles/more concentrated near the magnet ✓ and the direction is from north to south ✓.

Die magneetveld is meer gekonsentreerd by die pole/meer gekonsentreerd naby die magneet ✓ en die rigting is van noord na suid ✓.

(2)

1.4.1



Marking criteria / Nasienriglyne

Direction / Rigting ✓

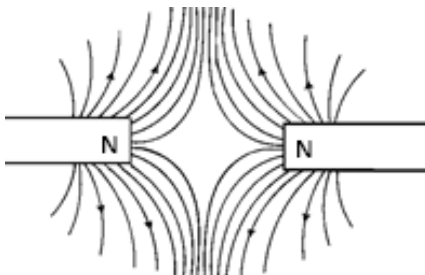
Shape / Vorm ✓

(2)

1.4.2 Attractive / Aantrekkend ✓

(1)

1.5



Marking criteria / Nasienriglyne

Direction / Rigting ✓

Shape / Vorm ✓

(2)

1.6 First option is correct. / Eerste opsie is korrek. ✓

(1)

1.7 The magnetic field ✓ of the earth/another magnet influences the compass needle ✓.

Die magneetveld ✓ van die aarde/'n ander magneet beïnvloed die kompasnaald ✓.

(2)

[15]