

**Klassifikasie van Materie Memo**  
**November 2018**

1.1 C ✓✓ (2)

**QUESTION 2/VRAAG 2**

2.1 A pure substance consisting of one type of atom. ✓✓/’n Suiwer stof wat uit een tipe atoom bestaan. (2)

2.2.1 P ✓ (1)

2.2.2 Q ✓ (1)

2.2.3 R ✓ (1)

2.3 Element ✓ (1)

2.4 Evaporation ✓/Verdamping (1)

2.5.1 Q: Boiling point ✓/Kookpunt (1)

2.5.2 R: Magnetism ✓/Magnetisme (1)

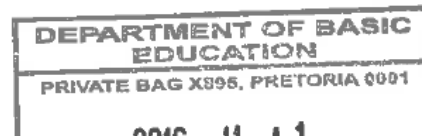
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**Klassifikasie van Materie Memo**  
**November 2017**

1.1 C ✓✓ (2)

QUESTION 2/VRAAG 2

- 2.1 A pure substance is a substance that cannot be separated into simpler components by physical methods. ✓  
OR  
A pure substance is made up of one (same) type of element or molecule. ✓  
*'n Suiwer stof is 'n stof wat nie deur fisiese metodes in eenvoudiger komponente opgebreek kan word nie.*  
OF  
*'n Suiwer stof bestaan slegs uit een (dieselfde) tipe element of molekule.* (1)
- 2.2 ⊖ 2.2.1 Element ✓ (1)  
2.2.2 Consist of only one type of atom. ✓  
*Bestaan uit net een tipe atoom* (1)  
⊖ 2.2.3 Mixtures ✓/Mengsel (1)  
2.2.4 It is a combination of many gases. ✓  
*Dit is 'n kombinasie van baie gasse* (1)
- 2.3 Pots and pans are made of metal, because metal is a good conductor ✓ that allows heat to be transferred so that the food can cook. The handles are insulators (poor conductor of heat) ✓ so that you do not burn your hands when you pick up a hot pot.  
*Potte en panne word van metaal gemaak, omdat metaal 'n goeie geleier van hitte is wat toelaat dat hitte oorgedra word, sodat die kos kan gaar word. Die handvatsels is isolators (swak geleiers van hitte) sodat jou hande nie brand as jy 'n warm pot optel nie.* (2)
- 2.4 2.4.1 NaCl ✓✓ (2)  
2.4.2 Ca(OH)<sub>2</sub> ✓✓ (2)



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## Klassifikasie van Materie Memo

November 2015

1.3 A ✓✓ (2)

### QUESTION 2/VRAAG 2

2.1

2.1.1 ANY ONE:  
Copper/oxygen gas ✓  
*ENIGE EEN:*  
*Koper/suurstofgas* (1)

2.1.2 ANY ONE:  
brass/salt solution/pure air ✓  
*ENIGE EEN:*  
*Geelkoper/soutoplossing/suiwer lug* (1)

2.1.3 oxygen (gas)/suurstof(gas) ✓ (1)

2.1.4 ANY ONE:  
magnesium oxide/table salt/sugar ✓  
*ENIGE EEN:*  
*magnesiumoksied/tafelsout/suiker* (1)

2.1.5 Sand ✓ (1)

2.2

2.2.1 (a) Filtration/*Filtrering/filtrasie* ✓ (1)

(b) Evaporation/*Verdamping* ✓ (1)

(c) Sand ✓ (1)

(d) Sugar solution/sugar and water ✓  
*Suikeroplossing/suiker en water* (1)

2.2.2 Physical (process)/*Fisiese (proses)* ✓  
No new substances are formed./Water only changes phase./The chemical composition of the substance is not altered. ✓  
*Geen nuwe stowwe word gevorm nie./Water verander slegs van fase./Die chemiese samestelling van die stowwe verander nie.* (2)

[11]