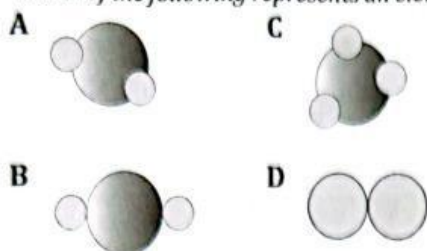
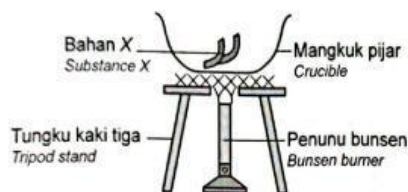


Bahagian A

1. Antara yang berikut, yang manakah mewakili unsur? **SK 6.1**
Which of the following represents an element?



2. Rajah 1 menunjukkan susunan radas untuk mengkaji sifat logam dan bukan logam. **SK 6.1**
Diagram 1 shows apparatus set-up to study the property of metals and non-metals.



Rajah 1 / Diagram 1

Apakah sifat logam dan bukan logam yang ingin dikaji menggunakan kaedah ini?

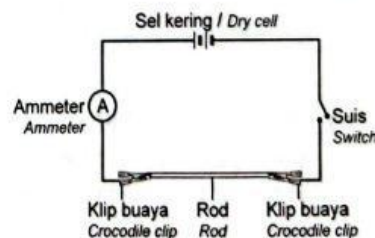
What is the property of metals and non-metals that is studied by using this method?

- A Kekonduksian haba
Heat conductivity
- B Takat lebur
Melting point
- C Kemuluran
Ductility
- D Kebolehtempaan
Malleability

3. Kaedah manakah yang betul digunakan dalam mengasingkan campuran berikut? **SK 6.2**
Which method is correctly used in separating the following mixtures?

Campuran Mixture	Teknik pengasingan Separation method
A Pasir dan air Sand and water	Penyulingan Distillation
B Tepung dan pasir Flour and sand	Pengenapan Sedimentation
C Minyak dan air Oil and water	Pengapungan Floatation
D Padi dan sekam Paddy and husk	Penurasan Filtration

4. Rajah 2 menunjukkan susunan radas untuk membandingkan kekonduksian elektrik antara dua jenis rod. Hasil pemerhatian ditunjukkan dalam Jadual 1. **SK 6.1**
Diagram 2 shows the arrangement of apparatus to compare the electrical conductivity between two types of rods. The observation is shown in Table 1.



Rajah 2 / Diagram 2

Jadual 1 / Table 1

Rod Rod	Pemerhatian Observation
X	Jarum ammeter tidak terpesong. Ammeter needle does not deflect.
Y	Jarum ammeter terpesong. Ammeter needle deflects.

Antara bahan berikut, yang manakah mewakili rod X dan rod Y?

Which of the following substances represent rod X and rod Y?

	X	Y
A	Perspeks / Perspex	Kayu / Wood
B	Kuprum / Copper	Kayu / Wood
C	Perspeks / Perspex	Kaca / Glass
D	Perspeks / Perspex	Kuprum / Copper

5. Senarai di bawah mengandungi nama-nama logam dan bukan logam. **SK 6.1**
The list below contains names of metal and non-metal.

Sulfur Besi Kuprum Karbon
Sulphur Iron Copper Carbon

Antara pengelasan berikut, yang manakah betul?

Which of the following classification is correct?

	Logam Metal		Bukan logam Non-metal	
A	Karbon Carbon	Besi Iron	Sulfur Sulphur	Kuprum Copper
B	Kuprum Copper	Besi Iron	Sulfur Sulphur	Karbon Carbon
C	Sulfur Sulphur	Kuprum Copper	Karbon Carbon	Besi Iron
D	Sulfur Sulphur	Besi Iron	Kuprum Copper	Karbon Carbon