



Praktis Pengukuhan

Bab 6

1. Isi tempat kosong dengan jawapan yang betul.

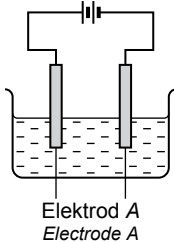
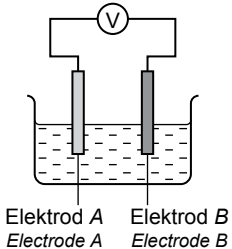
Fill in the blanks with the correct answer.

Elektrolisis berlaku apabila _____ melalui suatu larutan dan larutan itu _____.

Electrolysis takes place when _____ is passed through a solution and the solution _____.

2. Nyatakan perbandingan antara sel elektrolitik dengan sel kimia.

State the comparison between electrolytic cell and chemical cell.

Jenis sel <i>Type of cell</i>	Sel elektrolitik <i>Electrolytic cell</i>	Sel kimia <i>Chemical cell</i>
Gambar rajah berlabel <i>Labelled diagram</i>		
Elektrod <i>Electrodes</i>	(a)	(b)
Terminal negatif <i>Negative terminal</i>	Katod <i>Cathode</i>	(c)
Terminal positif <i>Positive terminal</i>	(d)	(e)
Pemindahan elektron <i>Transfer of electrons</i>	(f)	Daripada anod ke katod melalui litar luar <i>From the anode to the cathode through external circuit</i>
Pertukaran tenaga <i>Energy conversion</i>	(g)	(h)

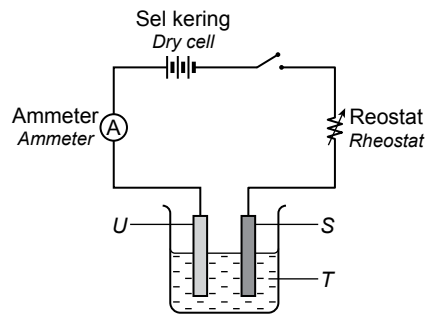
3. Nyatakan 3 faktor yang mempengaruhi pemilihan ion untuk dinyahcas pada elektrod bagi larutan akueus.

State 3 factors which affect the selection of ions to be discharged at the electrodes in the electrolysis of aqueous solution.

4. Senaraikan kegunaan elektrolisis dalam industri.

List the uses of electrolysis in industry.

5. Rajah di bawah menunjukkan proses penulenan kuprum secara elektrolisis.
The diagram below shows copper refining process using electrolysis.



- (a) Berdasarkan rajah di atas, elektrod manakah merupakan
Based on the diagram above, which electrode is

(i) kuprum tulen:
pure copper:

(ii) kuprum tak tulen:
impure copper:

- (c) Apakah larutan T?
What is solution T?
