www.agaram.lk



adaram.lk

Agaram.LK - Keep your dreams alive!

- 06. Non electrolyte out of the followings
 - (1). Acidulated water
 - (2). Aqueous Copper Sulphate
- 07. Not an application of electrolysis,
 - (1). Extraction of aluminium
 - (2). Industrial manufacture of sodium hydroxide
 - (3). Electroplating
 - (4). Extraction of gold

<u>Part II</u>

01. Consider the following set up related to the electrolysis,



- i. Name positive and negative electrodes of the above set up.
- ii. What is an electrolyte used in the above set up?
- iii. Which type of electrodes are used in the above set up? Give reason for your answer.
- iv. State observation related to the above activity.
- v. Name 02 non electrolytes.
- vi. What is the function of instrument \bigcirc in the above set up?

02. Consider the following set up.





- (3). Distilled water
- (4). Dilute hydrochloric acid

- i. What is the use of above set up?
- ii. How can you prepare an acidulated water solution?
- iii. Name A and B gases separately.
- iv. Explain how can you identified A and B gases separately.
- v. State the ratio between volumes of gases collected in the above set up.
- vi. What is the conclusion of above activity?
- 03. Following set up is used do demonstrate electroplating process.



i. Name A, B, C and D.

Agaram.LK - Keep your dreams alive!

- ii. What is the mistake in the above set up?
- iii. Draw the correct set up.
- iv. Mention 02 observations that can obtain from the correct set up.
- v. State 03 characteristics of a high quality electro plating.

Prepared by: Mr. Indika Nawarathne

