

اختبار تاریخ 2/4/2018

- salts, limestone, **sulfuric** and coke are the raw materials for prodection of soda ash by solvay process()

Correct: Ammonia

- H^2 is a co product during the manufacture of caustic soda ash by electrolysis of brine()

- The catalyst used in the manufacture of sulfuric acid by contact process is **titanium oxide**()

Correct: vanadum oxide

- caustization process does ... produce Cl^2 as co product during manufacture of caustic soda()

- The concentration of caustic soda produced by mercury cell is 50% ()

- Baking soda is $NaHCO^3$ ()

اختبار تاريخ 24/4/2017

- Raw material for manufacture of soda ash by solvay process are **salt, lime stone and coke (X)**

Correct: Brime(salt), Lime stone, Ammonia and Coke

- Oleum is produced by dissolved hot SO^2 in concentrated H^2SO^4 in the absorption tower (X)

Correct: SO^3

- one **advantage** of membrane process is costly environment protection (X)

Correct: disadvantage

- in the solvay process the product from the calciner is light soda ash (✓)

- the concentration of caustic soda produced by diaphragm cell process is about 50%(✓)

- Mercury cell process sodium metal forms an amalgam at a **graphite anode(X)**

Correct: a mercury cathode

تاریخ الاختبار مجهول

- Raw materials for manufacture of sulfuric acids are sulfur deposits, coke and sour of natural gas(✗)

Correct: oil

- Oleum is produced by dissolved hot SO_2 in concentrated H_2SO_4 in the absorption tower(✗)

Correct: SO_3

- Washing soda is

$\text{Na}_2\text{CO}_3 \cdot 5\text{H}_2\text{O}$ (✗)

Correct: $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$

- The product obtained on mixing calcium oxide with water is called lime(✗)

Correct: 

- The concentration of caustic soda produced by caustization process is about 73%(✗)

Correct: 50%

- The catalyst used in the manufacture of sulfuric acid by contact process is titanium oxide(✗)

Correct: vanadium oxide

- Catalyst used in manufacture of sulfuric acid by **chamber process** is vanadium oxides(✗)

Correct: contact process

- salts, limestone and coke are the raw materials for production of soda ash by solvay process(✓)

- in the production of soda ash by solvay process the by product the NH_4Cl (✗)

Correct: Na_2CO_3

- Baking soda is Na_2CO_3 (✗)

Correct: NaHCO_3

- the concentration of caustic soda produced by mercury cell is 50% (✓)

- The catalyst used in the manufacture of sulfuric acid by contact process is **titanium oxide**(✗)

Correct: vanadium oxide