

Question

Suction filtration is employed to _____.

Answer

enhance the speed of filtration

Question

To ensure proper filtration, _____ process is sometimes carried out first.

Answer

digestion

Question

Filter papers are graded in how many ways?

Answer

three

Question

Solid precipitates are separated from the liquid by _____.

Answer

filtration

Question

Fume hood is employed in _____ process

Answer

evaporation

Question

Heating is employed in gravimetric analysis to _____.

Answer

convert a precipitate to a compound of definite proportion

Question

For easy correction, experimental work should be recorded with _____ in laboratory notebook.

Answer

Biro

Question

Outline of experimental procedure comprises one of the following

Answer
chemical reagent

Question
If a person swallow a corrosive poisoning, the person should be given

Answer
lime water

Question
A faulty technique during the experiment can cause

Answer
explosion

Question
In the titration of sodium hydroxide and tetraoxosulphate (vi) acid, the pH at the end point is usually _____.

Answer
less than 7

Question
X is not a primary standard, but can be used to prepare a standard solution. X could be _____.

Answer
 $\text{(H}_2\text{C}_2\text{O}_4\text{)}$

Question
Which of these substances is not employed in preparing standard solution?

Answer
Hydrochloric acid

Question
What is the concentration of a solution containing 2.5g of potassium hydroxide in (250cm^3) of solution? (K=39, H=1, O=16)

Answer
 0.179 mol/dm^3

Question
Calculate the oxidation number of sulphur in $(\text{FeSO}_4 \cdot 7\text{H}_2\text{O})$?

Answer

6

Question

A stock bottle of an acid reads: 56% by mass and 1.25 specific gravity. If the molar mass of the acid is 70g, find the mole per cubic decimeter.

Answer

10.0\ (mol/dm³)

Question

Which of the following is untrue of a standard solution?

Answer

Its concentration is unknown

Question

The most commonly used volumetric flask in volumetric analysis is the _____ volume capacity.

Answer

250ml

Question

Pipettes are of various capacities ranging from _____.

Answer

1ml - 50ml

Question

Which of the following is not true of a desiccator?

Answer

it is not used for drying

Question

Which of the following is not true of KMnO_4 ?

Answer

it is a primary standard

Question

The oxidation number of sodium in sodium hydroxide is _____.

Answer

1

Question
Oxidizing agents are _____.

Answer
electron acceptors

Question
 $\text{CO} + \text{H}_2\text{SO}_4$. In the reaction above, which of the substance will be reduced?

Answer
S

Question
How many distinctive processes is involved in Iodometry?

Answer
two

Question
The reductant in iodometry is usually _____.

Answer
thiosulphates

Question
In a redox reaction, the element with less positive potential is normally _____.

Answer
reduced

Question
Which of the following is least reactive?

Answer
Cu

Question
Neutralization reactions is usually _____.

Answer
exothermic

Question

In KJ/Mol, the heat evolved when 1mole of sulphuric acid react with sodium hydroxide is approximately

Answer

<57.5

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