

# The Brigade School Revision Test

Total points **9/10** ?

Class - 10  
Marks - 10

Subject - Chemistry  
Topic - Hydrogen Chloride

0 of 0 points

Name nethra \*

Manan Y Mehta

School \*

TBSG

Class / Sec \*

10 A

Choose the correct answer:-

4 of 5 points



✗ 1. An aqueous solution of HCl gas is named as \*

0/1

☐ aqua fortis

☒ muriatic acid

✗

☐ oil of vitriol

☐ Other: .....

Correct answer

☒ aqua fortis

✓ 2. Potassium sulphite on reacting with hydrochloric acid, releases \_\_\_\_\_ 1/1  
gas. \*

☐ chlorine

☒ Sulphur dioxide

✓

☐ Hydrogen sulphide

**Feedback**

*Good*



✓ 3. Quicklime is not used to dry HCl gas because \*

1/1

☒ CaO is alkaline



☐ CaO is acidic

☐ CaO is neutral

**Feedback**

*Good*

✓ 4. Aqua regia is a mixture of \*

1/1

☐ one part of conc. hydrochloric acid and 3 parts of conc. nitric acid

☒ 3 parts of conc. hydrochloric acid and 1 part of conc. nitric acid



☐ dilute hydrochloric acid and conc. nitric acid

**Feedback**

*Good*



✓ 5. A solid formed by the reaction of two gases, one of which is acidic and 1/1 the other basic in nature \*

☒  $\text{NH}_4\text{Cl}$



☐  $(\text{NH})_2\text{SO}_4$

☐  $\text{NH}_4\text{OH}$

☐ Other: .....

#### Feedback

*Good*

Match the following :-

5 of 5 points



6. Match the following :- \*

	HCl gas	H <sub>2</sub> S gas	CO <sub>2</sub>	SO <sub>2</sub> gas	Cl <sub>2</sub> gas	Score	
MnO <sub>2</sub> oxidises conc. HCl liberating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	1/1	✓
NaHSO <sub>3</sub> reacts with dil.HCl liberating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
CuS reacts with dil.HCl liberating	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1/1	✓
Ca(HCO <sub>3</sub> ) <sub>2</sub> reacts with dil.HCl liberating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	1/1	✓
NaCl reacts with conc. H <sub>2</sub> SO <sub>4</sub> liberating	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1/1	✓

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