

CHEMISTRY

Acids, Bases and Salts

- Q1** Which of the following statements is true for bases?
- (A) Sour and change red litmus to blue
 - (B) Sour and blue remains same
 - (C) Bitter and change red litmus to blue
 - (D) Bitter and change blue litmus to red
- Q2** During the preparation of hydrogen chloride gas on a humid day, the gas is usually passed through the guard tube containing calcium chloride. The role of calcium chloride taken in the guard tube is to
- (A) absorb the evolved gas
 - (B) moisten the gas
 - (C) absorb moisture from the gas
 - (D) absorb Cl^- ions from the evolved gas
- Q3** Which among the following is an acidic oxide?
- (A) CO
 - (B) NO
 - (C) N_2O
 - (D) SO_2
- Q4** Dilution of acid is an exothermic reaction.
- (A) True
 - (B) False
- Q5** All hydrogen containing compounds are acids.
- (A) True
 - (B) False



Answer Key

Q1 (C)

Q2 (C)

Q3 (D)

Q4 (A)

Q5 (B)



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Hints & Solutions

Q1 Text Solution:

base eg. baking soda it is bitter in taste and converts red litmus blue which indicate its basic nature.

Video Solution:**Q2 Text Solution:**

Anhydrous calcium chloride is a drying agent.

Video Solution:**Q3 Text Solution:**

An acidic oxide reacts with water to form an acid.

Video Solution:**Q4 Text Solution:**

Dilution of acid is an exothermic reaction.

Video Solution:**Q5 Text Solution:**

Compounds like glucose, sugar, etc. does contain hydrogen but are not acidic. So the statement given is false.

Video Solution:[Android App](#)[iOS App](#)[PW Website](#)