

**DELHI PUBLIC SCHOOL, JAMMU**  
**SESSION- 2024-25**  
**ASSIGNMENT**  
**MONTH – AUGUST**

**CLASS: X**

**SUB: CHEMISTRY**

**TOPIC: ACIDS, BASES AND SALTS**

- Q1: How do acids react with metals ? Write a suitable example. (1)
- Q2. Write chemical reactions of egg shells with HCl? (1)
- Q3. Which one is stronger Base I) PH= 10. Or II) PH= 12 (1)
- Q4: write the chemical reactions for preparation of Bleaching powder & P.O.P . (2)
- Q5: What is Water of crystallization? How many molecules of water of crystallization exist in washing soda & Gypsum? (2)
- Q6. A sample of solution “X” react with phenolphthalein gives No Colour while a sample solution when passed through Methyl Orange gives Red Colour?  
The sample X is ? (3)