

Dr.K.K.R GOWTHAM EDUCATIONAL INSTITUTIONS::A.P
ACIDS ,BASES & SALTS
Revision

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**1 Mark Questions**

1. Name the four chemicals that are obtained from common salt and write their molecular formulae.
2. Why does tooth decay start when the pH of mouth is lower than 5.5 ?
3. Fresh milk has a pH of 6. Explain why the pH changes as it turns into curd.

**2 Mark Questions**

4. Write the water of crystallisation of following compound,  
a) Hydrated copper sulphate    b) Washing soda  
c) Gypsum                            d) Plaster of Paris
5. Five solutions A, B, C, D and E when tested with universal indicator showed pH as 4, 1, 11, 7 and 9 respectively, which solution is :  
a) neutral                              b) strongly alkaline                      c) strongly acidic  
d) weakly acidic                      e) weakly alkaline  
Arrange the pH in increasing order of hydrogen ion concentration.

**4 Mark Questions**

6. Compounds such as alcohols and glucose contain hydrogen but are not categorized as acids. Describe an activity to prove it.
7. Draw a neat diagram showing acid solution in water conducts electricity.

**8 Mark Questions**

8. Write an activity to show that all metal carbonates and hydrogen carbonates react with acids to give a corresponding salt.