

## ACID BASE INDICATORS MCQ QUIZ

- The compound that does not dissociate into ions is
  - Sodium hydroxide
  - Hydrochloric acid
  - Potassium hydroxide
  - Glucose
- The colour of litmus in a neutral solution is
  - Purple
  - Red
  - Blue
  - Yellow
- Which of the following phenomena occur, when a small amount of acid is added to distilled water?
  - Ionisation
  - Neutralisation
  - Change in colour
  - Salt formation
- Which of the following indicators turn red in an acidic solution?
  - Phenolphthalein
  - Blue Litmus
  - Turmeric
  - Clove oil
- The colour of Methyl orange in a basic solution is
  - Orange
  - Red
  - Yellow
  - Blue
- The colour of Phenolphthalein in a basic solution is
  - Pink
  - Red
  - Blue
  - Colourless
- The colour of Phenolphthalein in an acidic solution is
  - Pink
  - Colourless
  - Yellow
  - Red
- What is the range of pH scale?
  - 0 to 7
  - 1 to 7
  - 7 to 14
  - 0 to 14
- What is the pH of pure water?
  - 1
  - 6.5
  - 7
  - 14
- The pH of the solutions A, B, C and D are 1, 3, 9 and 14 respectively. Which of the solutions has the greater hydronium ion concentration?
  - Solution A
  - Solution B
  - Solution C
  - Solution D