ACID BASE INDICATORS MCQ QUIZ

1. The compound that does not dissociate in to ions is
   a) Sodium hydroxide
   b) Hydrochloric acid
   c) Potassium hydroxide
   d) Glucose
2. The colour of litmus in a neutral solution is
   a) Purple
   b) Red
   c) Blue
   d) Yellow
3. Which of the following phenomena occur, when a small amount of acid is added to distilled water?
   a) Ionisation
   b) Neutralisation
   c) Change in colour
   d) Salt formation
4. Which of the following indicators turn red in an acidic solution?
   a) Phenolphthalein
   b) Blue Litmus
   c) Turmeric
   d) Clove oil
5. The colour of Methyle orange in a basic solution is
   a) Orange
   b) Red
   c) Yellow
   d) Blue
6. The colour of Phenolphthalein in a basic solution is
   a) Pink
   b) Red
   c) Blue
   d) Colourless
7. The colour of Phenolphthalein in an acidic solution is
   a) Pink
   b) Colourless
   c) Yellow
   d) Red
8. What is the range of pH scale?
   a) 0 to 7
   b) 1 to 7
   c) 7 to 14
   d) 0 to 14
9. What is the pH of pure water?
   (a) 1
   (b) 6.5
   (c) 7
   (d) 14
10. 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?
    a) Solution A
    b) Solution B
    c) Solution C
    d) Solution D

LIVEWORKSHEETS