

Sub: Science  
Lesson: Acid, base & Salt

Max times  
max marks - 30

①

5 × 1 = 5

- (a) What will happen to blue litmus added to soda water?
- (b) During indigestion the stomach produces too much \_\_\_\_\_ Acid and this causes pain.
- (c) Which gas is evolved when sodium hydrogen carbonate reacts with dilute HCl acid?
- (d) What is the formula of washing soda?
- (e) A base which is soluble in water is known as \_\_\_\_\_

②

2 × 5 = 10

- (a) What happens to the crystals of washing soda when exposed to air?
- (b) Why does not an acid show any acidic behaviour in the absence of water?
- (c) Write Equation, Dilute Sulphuric acid reacts with zinc. ?

(d) Name the acid present in Tomato & Pamarind ?

(e) Explain how antacid works ?

③ (a) Write the chemical formula of 3 x 5 = 15

(i) Hydrated copper sulphate

(ii) Plaster of Paris

(b) What is neutralization Reaction ? Give two examples ?

(c) Give two important uses of washing soda and baking soda.

(d) How is Plaster of Paris chemically different from gypsum ? How these are inter-converted. Write use of Plaster of Paris ?

(e) (i) Write the Name given to bases that are highly soluble in water. Give Example ?

(ii) How is tooth decay related to pH ?