

Holidays homework.

1. Write the preparation, formula & uses of the following salts in a tabular form.

- (a) Common salt (b) Bleaching powder (c) Baking soda
(d) Washing soda (e) Plaster of paris.

2. Why does a mild acid mix in baking soda to get baking powder?

3. What is meant by 'water of crystallisation' of a substance? Describe an activity to show that blue copper sulphate crystals contain water of crystallisation?

4. Why does tooth decay start when the pH of mouth is lower than 5.5?

5 (i) What happens when a concentrated solution of sodium chloride is electrolysed? Write the equation of the reaction involved.

(ii) Why is this electrolysis called chlor-alkali process?

(iii) Name three products of the chlor alkali process. State two uses of each of these products?

6. A current of 0.5A is drawn by a filament of an electric bulb for 10 minutes. Find the amount of electric charge that flows through the circuit.

7. The ratio of two resistances is 4:1, calculate their individual resistance if they offer an effective resistance of 20 Ω on being connected in series.

8. Creative work:-

Make a project on "acids, bases salts."

continue -

9. Prepare Unit-1 Acid, Bases & Salts,
Unit-3 Interaction of Metals with salt
solutions for Quiz.

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