

Chemistry



9th Class

Sindh Board Notes

Chapter # 18

Chemical Industries Theory



Fill In Blanks

پنجاب، سندھ، بلوچستان، خیبر پختونخواہ، بورڈز کے تمام نوٹس سابقہ پیپرز، اس ویب سائٹ سے فری ڈاؤن لوڈ کریں۔

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➔ CHEMICAL INDUSTRIES

1. Sodium hydroxide causes harmful burns to the skin, therefore it is commonly called **Caustic Soda**.
2. Sodium hydroxide produces a large amount of **Heat** when dissolve in water.
3. When sodium hydroxide is treated with **H₂SO₄** it forms sodium sulphate salts.
4. The reactions of sodium hydroxide with **Metals** result in liberation of hydrogen gas.
5. The molecular formula for baking soda is **NaHCO₃**.
6. Sodium bicarbonate, washing soda and **Baking soda** are generally prepared by ammonia Solvay process.
7. The chemical process for the preparation of soap is called **Saponification**.
8. The detergents are usually consists of two parts, **Hydrocarbons** and a sulphonate or a sulphate.
9. Compounds made up of the large number of smaller molecules are called **Polymers**.
10. The plastic belongs to **Thermosetting** class only be heated once before they set on cooling.
11. P.V.C is the abbreviation (Short form) for **Polyvinyl chloride**.
12. Paints are fluids containing **Pigments** dispersed in organic liquid.
13. Linseed oil, pigments resin etc are main components of **Oil** paints.
14. A thinner is turpentine or other **Volatile** liquid.
15. Water based paints are available in the form of **Emulsion**.
16. **Varnishes** are used without pigments to furnish the transparent film on the surface coated.

17. Marking ink consists of Silver nitrate solution thickened with gum or of dyes.
18. The removal of moisture controls the growth of microorganisms which renders the food to spoil
19. The water binding agents used in the preservation of food are known as humectants.
20. The preservation of food by sealing into tight containers is called canning.
21. Sodium bicarbonate is used in the preparation of effervescent drinks and fruit salts.
22. Sodium carbonate when fused with Silicon dioxide it forms sodium silicate (glass).
23. Sodium carbonate is used for softening hard water.
24. The colour of black shoe polish is due to Powdered animal charcoal.
25. Turpentine oil besides keeping the shoes soft prevent them from drying and helps in its absorption in the leather.

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9th Class

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