

Chemistry



9th Class

Sindh Board Notes

Chapter # 18

Chemical Industries Theory



Solved MCQs

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

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➔ CHEMICAL INDUSTRIES

- Sodium hydroxide is prepared at large scale by the following methods.**
 - ✓ Electrolytes process
 - Saponification method
 - Hydrolysis
- Sodium hydroxide at 3180C:**
 - Melts with decomposition
 - Does not melt
 - ✓ Melts to a clear liquid
- Carbon dioxide and sodium hydroxide react to give:**
 - ✓ Sodium carbonate and water
 - Sodium carbonate only
 - Sodium metal and Water
 - Sodium and carbon monoxide
- When sodium hydroxide reacts with ammonium chloride it liberates gas:**
 - Carbon dioxide
 - Hydrogen
 - Oxygen
 - ✓ Ammonia
- Sodium hydrogen carbonate used in medicine which of the effects it causes in the stomach?**
 - Increase the basicity
 - Increase the acidity
 - ✓ Neutralize the acidity
 - Decrease the basicity
- The product / products obtained by reaction of sodium carbonate with carbon dioxide in aqueous medium is / are:**
 - Sodium Hydroxide
 - ✓ Sodium hydrogen carbonate
 - Sodium carbonate and water
 - Sodium oxide
- Carbonates and bicarbonates of sodium are manufactured by:**
 - Contact method
 - ✓ Ammonia solvay process
 - Ostwald's process
 - Haber's method
- Detergents are cleansing agents prepared from:**
 - Water soluble sodium salts
 - Hydrocarbons only
 - ✓ Hydrocarbon and a sulphonate
 - Sulphonate only

9. The material which softens on heating and hardens on cooling come under the class:
- a. ✓ Thermosetting plastic
 - b. Thermoplastic
 - c. Formica
 - d. Bakelite
10. The class of plastic that can only be heated once before they set on cooling is
- a. Thermoplastic
 - b. Cellulose nitrate
 - c. Cellulose acetate
 - d. ✓ Thermosetting plastic
11. The polymer which is used in the manufacture of bags for shipping purpose is:
- a. Poly vinyl chloride
 - b. ✓ Poly ethylene
 - c. Expose resin
 - d. Araldite
12. Cameras, radios, telephone sets, etc are prepared from:
- a. Polythene
 - b. Poly vinyl chloride
 - c. ✓ Bakelite
 - d. Cellulose nitrate
13. The pigments used to produce white colour are:
- a. Oxides of iron
 - b. Chromium oxide
 - c. Zink sulphate
 - d. ✓ Ferric oxide
14. Varnishes are used:
- a. With pigments
 - b. Without driers
 - c. ✓ Without pigments
 - d. Without resins
15. Which of the following constituents of shoe polish issued to provide shinning to the shoes:
- a. ✓ Bees wax
 - b. Sodium hydroxide
 - c. Pearl ash
 - d. Soap
16. The common ingredients used in black and brown show polishes is
- a. Nigrosine oil
 - b. Pearl ash
 - c. Animal Charcoal
 - d. ✓ Turpentine Oil
17. A mixture of infusion of gall nuts with ferrous sulphate and certain proportion of hydrochloric acid produces:
- a. ✓ Black ink
 - b. Printing Ink
 - c. Marking Ink
 - d. Blue Ink
18. Red ink is normally prepared from:
- a. Oak Plant
 - b. Linseed Oil
 - c. Silver Nitrate
 - d. ✓ Brazil Wood

19. **Addition of salts and sugar:**
- a. Decreases the shelf life of food
 - b. ✓ Preserve the food
 - c. Spoil and food
 - d. Help to grow micro-organisms
20. **The radiation passed through food to preserve it are comprised of:**
- a. α - rays only
 - b. γ - rays
 - c. α and β - rays only
 - d. ✓ α , β and γ rays
21. **Soda ash has special role in the manufacture of**
- a. glass products
 - b. ✓ Soap
 - c. Textile
 - d. Fabrics
22. **Which one of the following is used domestically as cleansing agent?**
- a. Na_2HCO_3
 - b. ✓ Na_2CO_3
 - c. NaOH
 - d. NaCl
23. **Sodium silicate and washing soda is added in laundry saps to:**
- a. ✓ Increase the cleansing ability
 - b. enhance the colour
 - c. increases the strength
24. **Polymerization of phenol and formaldehyde results in the formation of:**
- a. Polythene
 - b. Bakelite
 - c. ✓ PVC
 - d. Epoxy resin
25. **A thinner drier linseed oil and a resin are the components of:**
- a. ✓ Oil paints
 - b. emulsion
 - c. Distemper
 - d. water paints
26. **Tannic acid and gallic acid are used in the preparation of:**
- a. Red ink
 - b. Marking ink
 - c. ✓ Blue black ink
 - d. Printing ink
27. **BaSO_4 is used for:**
- a. Black colour
 - b. Yellow Colour
 - c. ✓ White Colour
 - d. Green Colour
28. **The resins in Enamels act as.**
- a. Colour provider
 - b. Protective layer
 - c. A thinner
 - d. ✓ Binders
29. **Water paints are also called:**
- a. Emulsions
 - b. Varnishes
 - c. ✓ Distempers
 - d. Colloidals

30. **Blue ink is prepared by dissolving Prussian blue in a dilute solution of:**
- a. Formic acid
 - b. ✓ Oxalic acid
 - c. Acetic acid
 - d. Carboxylic acid
31. **Addition of what preserves meat and fish items?**
- a. ✓ Common Salt
 - b. SO_2
 - c. Sodium sulphite
 - d. Potassium metabisulphite
32. **The process of passing radiation through any substances is called:**
- a. Radiation
 - b. ✓ Irradiation
 - c. Sterilization
 - d. Pasteurization
33. **What is prepared by the polymerization of phenol and formaldehyde?**
- a. Teflon
 - b. Polystyrene
 - c. PVC
 - d. ✓ Bakelite
34. **In paints, the synthetic pigment used for green colour is:**
- a. Cobalt silicate
 - b. Red lead
 - c. Chrome yellow
 - d. ✓ Chromium oxide
35. **What is used in inks to make them more durable?**
- a. Phenol
 - b. Gallic acid
 - c. ✓ Gum Arabic
 - d. Acetone
36. **Varnishes do not contain:**
- a. ✓ Pigments
 - b. Spirit
 - c. Linseed oil
 - d. China wood oil
37. **Teflon is used in the manufacture of:**
- a. Utensils
 - b. Stick utensils
 - c. ✓ Nonstick utensils
 - d. None of them
38. **Sodium carbonate is chiefly made by:**
- a. Haber process
 - b. Contact process
 - c. Frash process
 - d. ✓ Solvay process
39. **The common name of calcium carbonate is:**
- a. ✓ Limestone
 - b. Chalk
 - c. Marble
 - d. all of them
40. **The class of plastics that can only be heated once before they set on cooling is:**
- a. Thermoplastic
 - b. Cellulose nitrate
 - c. Cellulose acetate
 - d. ✓ Thermosetting plastic

41. Which of the following constituents of shoe polish is used to provide shining to the shoes:
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 - c. α and β - rays only
 - d. ✓ α, β and γ - rays

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