

5. The example of glass maker's soap is []
(a) nickel oxide (b) cobalt oxide
(c) manganese dioxide (d) cullets
6. Crown glass is an example of []
(a) soda-lime glass (b) lead glass
(c) bore-silicate glass (d) sheet glass
7. Which of the following glass is most suitable to withstand high temperature? []
(a).soda-lime glass (b) lead glass
(c) bore-silicate glass (d) tempered glass
8. The metal oxide used to make emerald green glass is []
(a) MnO_2 (b) Cr_2O_7
(c) cobalt oxide (d) iron oxide
9. Bullet proof glass []
(a) is always translucent (b) has iron wires embedded in its structure
(c) is made of thick glass sheets sandwiched by a layer of high tensile plastic
(d) none of the above
10. Soluble glass is []
(a) Concentrated brine (b) Hydrofluoric acid
(c) Ethyl alcohol (d) Aqueous sodium silicate
11. Glass wool is used as []
(a) Heat insulating material (b) Sound Absorbing Medium
(c) both (a) and (b) (d) none of the above
12. Silicate glass is least resistant to the action of []
(a) Hydrochloric acid (b) Sodium hydroxide
(c) Alcohols (d) Hydrofluoric acid
13. Which of the following glass resists heat passing through without affecting the normal passage of light? []
(a) Wired glass (b) Plate glass
(c) Pyrex glass (d) Anti-actinic glass
14. Common silicate glass is opaque to []
(a) Infrared rays (b) UV rays
(c) both (a) and (b) (d) none of the above
15. Which of the following glass is used in railway coaches? []
(a) Glass-Crete (b) Wired glass
(c) Anti-actinic glass (d) Pyrex glass
16. Water glass is []
(a) Water free from impurities (b) Water formed by condensation on glass
(c) Solution of sodium silicate in water (d) Glass made out of pure silica
17. For manufacturing colored glass, the coloring pigments are added in the glass at the stage of []

- (a) Cooling
(c) Melting
- (b) Fusion
(d) Finishing
18. _____ glass is also known as frosted or obscured glass []
(a) Ground glass
(c) Plate glass
- (b) Flint glass
(d) Sheet glass
19. PVC stands for []
(a) Polyvinyl chloride
(c) Phosphorous vanadium carbide
- (b) Polythene vinyl chloride
(d) Plastic very compact
20. Fillers are added to moulding powders for plastics to []
(a) Increase heat resistance
(c) Reduce mould shrinkage
- (b) Increase mouldability
(d) All of the above
21. Bakelite is []
(a) Highly Inflammable
(c) A semiconductor
- (b) Low resistance conductor
(d) Incombustible
22. Plasticizers are added to plastics to []
(a) Crystallize into granules
(c) Impart desirable properties of strength, toughness etc.
(d) Reduce melting temperature
- (b) Impart color
23. _____ is not a thermosetting plastic []
(a) Cellulose
(c) Urea formaldehyde
- (b) Phenol formaldehyde
(d) Acrylic
24. Plastic items can be manufactured by []
(a) Casting
(c) Coating
- (b) Extrusion
(d) Any of the above
25. Plastics can be broadly classified as []
(a) Elastic and rigid
(c) Soft and hard
- (b) Monomers and polymers
(d) Thermosetting and thermoplastic
26. Plastics are examples of []
(a) ceramic materials
(c) anhydries
- (b) polymeric materials
(d) elastomers
27. Bakelite plastics are obtained by []
(a) Addition polymerization
(c) Co-polymerization
- (b) condensation polymerization
(d) de-polymerization
28. Pick out the incorrect statement with regards to thermoplastics []
(a) Catalyst are not added
(c) Once solidified cannot be softened
- (b) Formed by addition polymerization
(d) Example is plexiglass
29. Which of the following is not an example of thermoplastics? []
(a) Polyethylene
(c) PVC
- (b) nylon
(d) Bakelite
30. Camphor in plastic is used as []
(a) Resin
(c) filler
- (b) plasticizer
(d) catalyst

31. Which of the following is used for making electrical switches? []
(a) PVC (b) polypropylene
(c) Bakelite (d) polyvinyl acetate
32. Which of the following materials is a natural polymer? []
(a) Timber (b) Resin
(c) Plastic (d) synthetic rubber
33. The moisture content achieved after oven drying of timber is []
(a) 5% (b) 10%
(c) 15% (d) 25%
34. Obscured glass is []
(a) Frosted (b) Rolled
(c) Ribbed (d) All of the above
35. Carbonates of sodium are added during manufacture of glass to []
(a) Lower down the fusing temperature (b) Make the liquid silica more viscous
(c) Make the liquid silica better workable (d) All of these
36. Spelter is cast []
(a) Aluminum (b) Tin
(c) Zinc (d) Nickel