

- Q.5 Melting of glass is carried out at temperature ranging from
 a) 300°C to 600°C b) 130°C to 160°C
 c) 1300°C to 1600°C d) 1900°C to 2600°C
- Q.6 Which of the following is chemical refining agents?
 a) Al_2O_3 b) As_2O_3
 c) Na_2O d) none
- Q.7 Which of the following furnace is used for melting of glass _____
 a) kiln b) dryer
 c) crown d) pot
- Q.8 Primary components of glass is _____
 a) Crystal b) sand
 c) Silica d) Limestone
- Q.9 Tank furnace is used to make _____
 a) steel b) iron
 c) glass d) tile
- Q.10 The viscosity of glass, as measured in centimeter-gram-second units known as
 a) coise b) poise
 c) celcius d) kg/m

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SECTION-B

- Note:** Objectives type questions. All questions are compulsory. 10x1=10
- Q.11 Soda is glass former. (true/false)
- Q.12 Ferrous oxide imparts _____ colour to glass.
- Q.13 Increase in soda in glass decreases the viscosity of glass. (true/false)
- Q.14 The working temp depend on viscosity (10^4 poise) of glass and size of ware to be made. (true/false)
- Q.15 Formula of lithium oxide is _____.
- Q.16 Melting of glass is carried out in _____ furnace and _____ furnace.
- Q.17 Raw material must be reliable to supply glass forming oxide for which it is used. (true/false)
- Q.18 Lithia is more powerful _____ than soda and potash.
- Q.19 Non-oxide formers are arsenious sulphate (As_2S_3) berilium fluoride (BeF_2), Zinc chloride ($ZnCl_2$). (true/false)
- Q.20 Glass is brittle. (true/false)

SECTION-C

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. 12x5=60
- Q.21 List the purpose for uses of chimney draft.
- Q.22 List the physical properties of glass.

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