

- Q.5 RUL stands for _____.
- Refractories Under Load
 - Refractoriness Under Load
 - Refractoriness Un Load
 - Refractoriness Upsr Load
- Q.6 Insulation is related with _____.
- High density
 - High specific gravity
 - High porosity
 - None
- Q.7 Thermal conductivity is related with _____.
- High density
 - High specific gravity
 - High porosity
 - None
- Q.8 Acid refractories are attacked by
- Basic Slag
 - Acid Slag
 - Alumina
 - None
- Q.9 Zirconium found in Kerala as _____.
- Beach sand
 - Quartzite
 - Silica sand
 - None
- Q.10 The percentage of Alumina in fused alumina refractory is -
- 20-30%
 - 40-50%
 - 0-10%
 - 85-90%

Section-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Formula of magnesite is _____
- Q.12 Dolomite refractories are basic in nature. (T/F)
- Q.13 Drying of refractories are done in hot chamber. (T/F)
- Q.14 Spyay test determines the _____ of refractories.
- Q.15 _____ is a neutral refractory.
- Q.16 Drum test determines the _____ of refractories.
- Q.17 Magnesia content in dolomite refractory can be _____ percent.
- Q.18 Porosity of insulating refractory brick should be low. (T/F)
- Q.19 Refractoriness of carbon bricks is about _____ °C.
- Q.20 The main purpose of using Refractory material to retain heat in furnace. (T/F)

Section-C

Note: Short answer type Question. Attempt any twelve questions out of fifteen Questions. (12x5=60)

- Q.21 Explain refractory.
- Q.22 Explain porosity.
- Q.23 Explain acid refractories.
- Q.24 Explain bulk density.