

Refractory Technology Objective Type Questions & Answers Pdf

1. Fusion point of a basic refractory material is
 - a. Reduced by the addition of acid oxides
 - b. Increased by the addition of acid oxides
 - c. Not affected by the addition of acid oxides
 - d. Always less than 1000°CAns: B
2. Which is not a basic refractory?
 - a. Chrome magnesite
 - b. Magnesite
 - c. Dolomite
 - d. Silicon carbideAns: D
3. Which is not an alumino-silicate refractory?
 - a. Fireclay bricks
 - b. Mullite bricks
 - c. Tar dolomite bricks
 - d. High alumina bricksAns: C
4. Carbon refractories are exclusively used in the
 - a. Hearth of blast furnace
 - b. Walls of coke oven
 - c. Regeneration of coke oven
 - d. Side wall of soaking pitsAns: A
5. Fireclay bricks are not used in the
 - a. Blast furnace
 - b. Hot blast stove
 - c. Cupola
 - d. Walls of coke ovenAns: D
6. Hot metal runner in the blast furnace are lined with the _____ bricks.
 - a. Silica
 - b. Carborundum
 - c. Fireclay
 - d. MagnesiteAns: C
7. Chromite refractories are
 - a. Acidic refractory
 - b. Neutral refractory
 - c. Basic refractory

d. Fired at 600°C only

Ans: B

8. Electrical resistor bars are made of

a. Silicon carbide

b. Alumina

c. Zirconia

d. Graphite

Ans: A

9. Refractory bricks having lower porosity have

a. High insulating properties

b. Low heat capacity

c. Low thermal conductivity

d. Greater strength

Ans: D

10. Alumina is a _____ type of refractory.

a. Neutral

b. Basic

c. Acidic

d. None of these

Ans: B