

## Refractory Technology Multiple Choice Questions & Answers Pdf

1. The main raw material for the manufacture of silicon carbide refractories is
  - a. Corundum
  - b. Carborundum
  - c. Bauxite
  - d. Periclase

Ans: B

2. A refractory property 'PCE' stand for
  - a. Preheated Cone Equivalent
  - b. Pyrometric Cone Equivalent
  - c. Pressurise Cone Equilibrium
  - d. Pressurised Cone Equivalent

Ans: B

3. High density refractory bricks have lower
  - a. Spalling resistance
  - b. Thermal conductivity
  - c. Fusion point
  - d. Slag penetration resistance

Ans: A

4. Carborundum used for making crucibles for melting non ferrous metals is chemically
  - a. Silicon carbide
  - b. Silicon nitride
  - c. Crystalline magnesia
  - d. Zirconium sulphate

Ans: A

5. Sillimanite is a \_\_\_\_\_ refractory.
  - a. Basic
  - b. Neutral
  - c. High alumina
  - d. Insulating

Ans: C

6. Which brick undergoes maximum shrinkage on drying?
  - a. Tar bonded dolomite bricks
  - b. Fireclay bricks
  - c. Magnesite bricks
  - d. Chromite bricks

Ans: B

7. Which is an acidic refractory?
  - a. Magnesite
  - b. Dolomite

- c. Fireclay
- d. Chrome magnesite

Ans: C

8. Magnesite bricks have poor resistance to attack by \_\_\_\_\_ slag.

- a. Lime
- b. Basic
- c. Acid
- d. None of these

Ans: C

9. Dynamometer is used for the determination of \_\_\_\_\_ of refractories.

- a. Modulus of rupture
- b. Permanent linear change
- c. Resistance to CO attack
- d. RUL

Ans: B

10. Chrome magnesite brick is not used for lining the

- a. Hearth of soaking pits
- b. Bottom hearth of reheating furnace
- c. Coke oven regenerator
- d. Burning zone of limestone rotary kilns

Ans: C