

# Interview Questions

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## 40 TOP REFRACTORY TECHNOLOGY Online Test – Multiple Choice Questions and Answers

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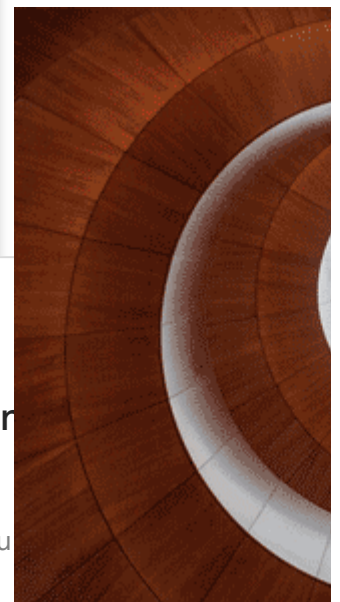
Congratulations – you have completed **Refractory Technology Online Test Set 1**.

You scored **3** points out of **10** points total.

Your answers are shown below:

1. Which is not an alumino-silicate refractory?

- **Tar dolomite bricks**



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- Fireclay bricks
- High alumina bricks
- Mullite bricks

2. Silica bricks are attacked by basic slags at high temperature. Which of the following is not used solely as a binding material?

- aluminium phosphate
- plaster of paris
- **water**
- lime

3. Refractoriness under load (RUL) is the most important property for the refractory bricks

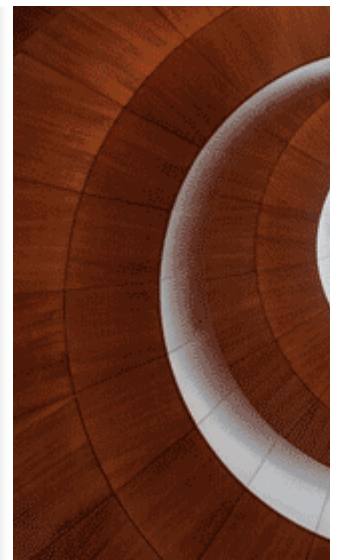
- used in the roof of the furnace
- at the hearth bottom of the furnace on which stock is placed
- **used for furnace insulation**
- none of these

4. Spalling resistance of a refractory can not be increased by

- **using a coarser grog during its manufacture**
- increasing its porosity
- decreasing its thermal co-efficient of expansion
- making it denser

5. Which of the following is not a neutral refractory ?

- Silicon carbide
- Chromite
- **Graphite**
- Magnesite



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6. Except \_\_\_\_\_, all other refractories are bad conductors of electricity (i.e, have low electrical conductivity)

- graphite
- **chromite**
- carborundum
- fireclay

7. With increasing alumina content, the fusion point of high alumina refractories

- may increase or decrease ; depends on its alumina content
- **remains constant**
- increases
- decreases

8. Electrical resistor bars are made of

- zirconia
- **silicon carbide**
- alumina
- graphite

9. Fireclay refractories have

- **poor thermal spalling resistance**
- tendency to expand unduly high during firing
- low co-efficient of thermal expansion
- very high cost

10. Which is a basic refractory ?

- Chrome magnesite
- Silica
- **Fireclay**

- None of these

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**mohamed vajith**

JUNE 20, 2016 AT 5:55 PM

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