

Foundry Metallurgy Questions and Answers Pdf

Question: 1

The coefficient of thermal expansion of refractory material should be

- (A) medium
- (B) low
- (C) high
- (D) very high

Ans: B

low

Question: 2

The shell of a shell moulding process is made from a mixture of sand and

- (A) dextrin
- (B) resin
- (C) oil
- (D) water

Ans: oil

Question: 3

Moulding sand comprises of sand, moisture and

- (A) degrassing agent
- (B) exothermic powder
- (C) sea coal
- (D) clay

Ans: clay

Question: 4

Rotary kilns meant for calcinations of limestone are lined with chrome magnesite bricks in the _____ zone.

- (A) burning
- (B) preheating
- (C) cooling
- (D) all

Ans: A

burning

Question: 5

The purpose of inoculation is to _____ of the cast metal.

- (A) modify the structure and properties
- (B) improve the finishing
- (C) alter the chemical composition
- (D) decrease the melting temperature

[View Answer](#)

Ans: modify the structure and properties

Question: 6

Cast iron and steel pipes are cast by the _____ casting.

- (A) continuous
- (B) die

(C) true centrifugal

(D) investment

Ans: true centrifugal

Question: 7

The use of _____ enhances the efficiency of riser.

(A) chaplcts

(B) chills

(C) bottom gate

(D) none of these

Ans: chills

Question: 8

Addition of _____ is done to achieve grain refinement of aluminium metal.

(A) boron

(B) chromium

(C) titanium

(D) sodium

Ans: chromium

Question: 9

Mould made of _____ is used in centrifugal casting.

(A) metal

(B) frozen mercury

(C) wax

(D) plaster of paris

Ans: metal

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