

## Foundry Metallurgy MCQ 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) degrading 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 Question: 1

### In hot chamber method of die casting

- (A) High melting point metals can be cast
- (B) The melting pot is separate from die casting machine
- (C) Only low melting point metal can be cast
- (D) Die is kept hot by electrical heating

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Ans: C

Only low melting point metal can be cast

Question: 2

### In true centrifugal casting, the impurities

- (A) Get collected at the middle portion
- (B) Get collected at the outer surface
- (C) Get collected at the inner surface
- (D) Are thrown out

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Ans: C

Get collected at the inner surface

Question: 3

Surfaces to be machined are marked with \_\_\_\_\_ colour on the pattern.

- (A) Red
- (B) Black
- (C) Green
- (D) Yellow

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Ans: A

Red

**Question: 4**

Which is used for repairing and finishing the mould?

- (A) Lifter
- (B) Riddle
- (C) Slick
- (D) Swab

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Ans; A

Lifter

**Question: 5**

\_\_\_\_\_ gas is passed in sodium silicate moulding process.

- (A) Argon
- (B) Carbon dioxide
- (C) Nitrogen

(D) Hydrogen

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Ans: A

Argon

**Question: 6**

Plastic goods are usually produced by the \_\_\_\_\_ moulding.

(A) Pit

(B) Dry sand

(C) Injection

(D) Shell

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Ans: C

Injection

**Question: 7**

Which of the following is used for drawing the mould from the pattern?

(A) Jolt machine

(B) Stripper plate machine

(C) Squeezing machine

(D) Sand slinger

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Ans: B

Stripper plate machine

Question: 8

An expandable pattern is used in

- (A) Investment casting
- (B) Centrifugal casting
- (C) Squeeze casting
- (D) Slush casting

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Ans: A

Investment casting

Question: 9

Toys and statues are cast by \_\_\_\_\_ casting process.

- (A) Continuous
- (B) Centrifugal
- (C) Die
- (D) Slush

Ans: D

Slush

Question: 10

**Dross** floating on the molten bath of aluminium is nothing but aluminium

- (A) Chloride
- (B) Sulphate

(C) Oxide

(D) Carbide

Ans: C

Oxide

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