
Lesson 9 Self-Check Questions

1. Which one of the following is not a moulding process?

- a. Green sand moulding
- b. Red sand moulding
- c. Plaster moulding
- d. Carbon-dioxide moulding

2. The main advantage of using Carbon dioxide moulding is that

- a. gases can be made to escape more easily
- b. much hardened mould is obtained
- c. gases formed react with carbon dioxide to form a colloidal solution
- d. carbon % in the molten metal can be increased

3. In squeeze moulding machine the:

- a. sand in the mould is rammed by applying uniform pressure with the help of a plate
- b. compactness of sand is lowest at the surface of the plate while it increases towards the pattern
- c. metal in the mould is introduced under pressure
- d. machine table is vibrated so that the mould is squeezed

4. The sand is sprayed with great force for the purpose of ramming in which type of machine moulding?

- a. Jolting
- b. Jolt squeezing
- c. Squeezing
- d. Sand slinging

5. Sand slingers are the moulding machines in which

- a. metal in the mould is introduced under pressure
- b. carbon % in the molten metal can be increased
- c. the machine table is jolted to obtain uniform compactness of sand
- d. particles of moulding sand are thrown on the pattern with a certain velocity

6. In carbon dioxide moulding, the bindle material used is

- a. Sodium silicate
- b. Sodium carbonate
- c. Dextrin
- d. Molasses

Possible answers to self-check questions

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|----|---|----|---|
| 1. | b | 2. | b |
| 3. | a | 4. | d |
| 5. | d | 6. | a |