

Manufacturing, Industrial and Maintenance Interview Questions with Answers Pdf

1. Brazing is the process of

- a. joining plastic sheets
- b. hard soldering using brass spelter
- c. cashing in brass
- d. making steel look like brass
- e. joining protruded sections by melting

Ans: B

2. The purpose of chaplets is

- a. just like chills to ensure directional solidification
- b. to provide efficient venting
- c. to support the cores
- d. to join lower and upper parts of the moulding box
- e. compress moulding sand

Ans: C

3. Casting process is preferred for parts having

- a. a few details
- b. many details
- c. no details
- d. non-symmetrical shape

Ans: B

4. Which of the following materials has more shrinkage allowance?

- a. cast iron
- b. brass
- c. lead
- d. aluminium alloy
- e. steel

Ans: C

5. Cores are used to

- a. make desired recess in castings
- b. strengthen moulding sand
- c. support loose pieces
- d. remove patterns easily

Ans: A

6. Lifter is

- a. a round sieve
- b. a long, flat metal plate fitted with an offset handle
- c. used to make or repair corners in a mould
- d. used to scoop sand deep in the mould

Ans: D

7. The mould for casting ferrous materials in continuous casting process is made of

- a. low carbon steel
- b. medium carbon steel
- c. high carbon steel
- d. copper

Ans: D

8. The core in the centrifugal casting is made of

- a. carbon steel
- b. properly treated sand
- c. plastic
- d. abrasive material

Ans: E

9. Centrifugal process is

- a. limited to symmetrical objects about horizontal axis
- b. limited to symmetrical objects about vertical axis
- c. used for producing castings of irregular shape

d. used for producing one casting at a time

Ans: C

10. Shell moulding process requires

a. wooden patterns

b. sand patterns

c. plastic patterns

d. metal patterns

Ans: D

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