

## Foundary Technology Objective Questions and Answers Pdf

1. Permanent mould casting is also known as

- a. gravity die casting
- b. chill casting
- c. slush casting
- d. short casting

Ans: A

2. Die casting is generally not used for

- a. zinc base alloys
- b. aluminium base alloys
- c. non-ferrous metals
- d. cast iron

Ans: D

3. Carbon dioxide moulding is useful for

- a. very thin sections
- b. regular sections
- c. heavy and thick walled sections
- d. all of the above

Ans: C

4. Which of the following cast iron is resistant to attack by sea water?

- a. low chromium cast iron
- b. low nickel cast iron
- c. low sulphur cast iron
- d. low phosphorous cast iron

Ans: A

5. High silicon irons are

- a. resistant to wear

- b. machinable
- c. malleable
- d. brown in colour

Ans: A

6. Which of the following is very powerful carbide former in cast iron?

- a. silicon
- b. vanadium
- c. chromium
- d. nickel

Ans: B

7. Graphitic cast iron is

- a. hard
- b. non-machinable
- c. high in compressive strength
- d. low in damping capacity

Ans: C

8. Which of the following holes appear on the surface of the casting when it is machined?

- a. blow holes
- b. pin holes
- c. gas holes
- d. slag holes

Ans: C

9. Tempering is generally done to reduced all of the following except

- a. brittleness
- b. ductility
- c. hardness
- d. tensile strength

Ans: B

10. For annealing of aluminium it is heated to

- a.  $325^{\circ}\text{C}$
- b.  $425^{\circ}\text{C}$
- c.  $525^{\circ}\text{C}$
- d.  $625^{\circ}\text{C}$

Ans: A

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