

Metallurgical Engineering Questions and Answers Pdf

1. Hot working of metals
 - a. introduces residual stress in it
 - b. its carried out above its recrystallisation temperature
 - c. does not produce strain hardening
 - d. is done to obtain very thin sheets

ans: B

2. Which is not a deoxidiser of steel?
 - a. Nickel
 - b. Ferro-manganese
 - c. Ferro-silicon
 - d. Aluminium

Ans: A

3. Which alloying element does not impact hardness to steel?
 - a. Silicon
 - b. Copper
 - c. Nickel
 - d. Aluminium

Ans: B

4. Which of the following elements of steel reduces its brittleness by combining with sulphur?
 - a. Manganese
 - b. Silicon
 - c. Magnesium
 - d. Vanadium

As: A

5. Maximum percentage of carbon in ferrite is
 - a. 0.025

- b. 0.25
- c. 0.05
- d. 0.5

Ans: A

6. Constantan is an alloy of nickel and

- a. Chromium
- b. Iron
- c. Copper
- d. Tin

Ans: C

7. Cemented carbide tool is an alloy comprising of tungsten, cobalt and

- a. Molybdenum
- b. Carbon
- c. Vanadium
- d. Chromium

Ans: B

8. High speed steel is commonly designated as

- a. 18 : 4 : 1
- b. 18 : 8 : 1
- c. 18 : 4 : 4s
- d. 18 : 8 : 4

Ans: A

9. Which of the following is characterised as 'rare earth' metal

- a. Cesium
- b. Molybdenum
- c. Nickel
- d. Aluminium

Ans: A

10. Which of the following metals is not found in native form (free state) on earth?

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- a. Gold
- b. Platinum
- c. Silver
- d. Magnesium

Ans: D

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