

Metallurgy MCQ Questions with Answers Pdf Download

1. In high frequency heating of steel, the heat is generated primarily due to

- a. Eddy currents
- b. Stray magnetic fields
- c. high voltage
- d. high power

Ans: A

2. Eddy currents

- a. Increase with frequency
- b. increase with square of frequency
- c. increase with cube of frequency
- d. increase with fourth power of frequency

Ans: B

3. The chemical formula of cementite is

- a. FeC
- b. Fe_3C
- c. FeC_3
- d. Fe_2C_2

Ans: B

4. Which of the following material is used for thermocouple junction?

- a. Petwar
- b. White metal
- c. Nichrome
- d. Magnanin

Ans: D

5. Highest specific gravity is of

- a. brass
- b. copper

c. lead

d. steel

Ans: C

6. Lowest melting point may be expected for

a. aluminium

b. brass

c. copper

d. lead

Ans: D

7. Heating elements of electrical heaters are made of

a. nichrome

b. nicheloy

c. invar

d. tungsten

Ans: A

8. Highest melting point is for

a. cast iron

b. wrought iron

c. mild steel

d. high carbon steel

Ans: B

9. Brass is an alloy of

a. copper and tin

b. copper and zinc

c. copper and lead

d. copper and nickel

Ans: B

10. Which of the following is the softest material?

a. corundum

b. diamond

c. calcite

d. quartz

Ans: C

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