

Welding Metallurgy Quiz Questions and Answers Pdf

1. _____ based alloys are used as filler material in brazing.
 - a. Cadmium
 - b. Copper
 - c. Tin
 - d. None of theseAns: B
2. Electrodes get consumed in _____ welding.
 - a. Thermit
 - b. Gas
 - c. Resistance
 - d. ArcAns: D
3. Oxy-acetylene welding mostly employs the _____ flame.
 - a. Oxidising
 - b. Reducing
 - c. Carburising
 - d. NeutralAns: D
4. For welding aluminium in inert gas arc welding, we use
 - a. Combustible electrode and argon with alternating current
 - b. Non combustible electrode with helium and direct current
 - c. Straight polarity direct current
 - d. CO₂ and high speedAns: A
5. In arc welding employing coated electrodes
 - a. Rod melts first and then coating melts
 - b. Which melts first depends on polarity
 - c. Coating melts first and then rod melts
 - d. Both rod and coating melts simultaneouslyAns: a
6. TIG is especially useful in welding
 - a. Stainless steel
 - b. Cast iron
 - c. Aluminium
 - d. TitaniumAns: C
7. Metal cutting is possible by oxy-acetylene flame through a gas torch due to the
 - a. Oxidation of metal

- b. Intensive oxidation
- c. Burning of metal
- d. Evaporation of metal

Ans: B

8. A pool of molten metal is used in _____ arc welding.

- a. MIG
- b. TIG
- c. Submerged
- d. Carbon

Ans: C

9. Which of the following is the most suitable for joining two stainless steel foils of 0.1 mm thickness?

- a. Electroslag welding
- b. Gas welding
- c. MIG welding
- d. TIG welding

Ans: B

10. Chromium molybdenum steel is generally not welded using _____ welding.

- a. Resistance
- b. Submerged arc
- c. Thermit
- d. Oxy-acetylene

Ans: A

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