

Unit-2

1. Welding is a process of:
 - a) Cutting metals
 - b) Joining metals
 - c) Shaping metals
 - d) Polishing metals
2. Which of the following is a fusion welding process?
 - a) Forge welding
 - b) Arc welding
 - c) Riveting
 - d) Bolting
3. In welding, a butt joint is used when:
 - a) Plates are placed edge to edge
 - b) Plates overlap
 - c) Plates are at right angles
 - d) Plates are curved
4. Which welding position is considered most difficult?
 - a) Flat
 - b) Horizontal
 - c) Vertical
 - d) Overhead
5. Gas welding commonly uses:
 - a) Oxygen and nitrogen
 - b) Oxygen and acetylene
 - c) Hydrogen and oxygen
 - d) Argon and CO₂
6. Oxy-fuel gas cutting is mainly used for:
 - a) Joining metals
 - b) Cutting metals
 - c) Cleaning metals
 - d) Coating metals
7. In arc welding, heat is generated by:
 - a) Chemical reaction
 - b) Electric arc
 - c) Friction
 - d) Pressure
8. Which welding process does not require filler material?
 - a) Arc welding
 - b) Gas welding
 - c) Forge welding
 - d) Submerged arc welding
9. Submerged arc welding uses:
 - a) Open arc
 - b) Flux covering

- c) Vacuum
- d) Water cooling
- 10. Resistance welding works on the principle of:
 - a) Chemical reaction
 - b) Electrical resistance heating
 - c) Friction
 - d) Pressure only
- 11. Spot welding is a type of:
 - a) Arc welding
 - b) Resistance welding
 - c) Gas welding
 - d) Forge welding
- 12. Thermit welding uses:
 - a) Electric arc
 - b) Chemical reaction
 - c) Gas flame
 - d) Pressure
- 13. The slag in welding helps to:
 - a) Increase heat
 - b) Protect molten metal
 - c) Reduce strength
 - d) Increase cost
- 14. Welding cost mainly depends on:
 - a) Time and material
 - b) Color of metal
 - c) Shape of electrode
 - d) Weather conditions
- 15. Which joint is commonly used in pipe welding?
 - a) Lap joint
 - b) Butt joint
 - c) Corner joint
 - d) Edge joint

◆ Fill in the Blanks

1. Welding is a process used for _____ metals.
2. In gas welding, _____ gas is commonly used as fuel.
3. The heat source in arc welding is an _____.
4. In resistance welding, heat is produced due to _____.
5. Spot welding is a type of _____ welding.
6. In thermit welding, heat is generated by a _____ reaction.
7. The molten metal in welding is protected by _____.
8. The most difficult welding position is _____ position.
9. Oxy-fuel gas cutting is used for _____ metals.

10. The total welding cost depends on _____ and materials.