

WELDING TECHNOLOGY QUESTIONS BANK

Unit -1

1. What are the types of gas welding?
2. What are the components of a gas welding?
3. Define welding process.
4. What are the different methods of welding you know?
5. Mention any two advantages of D.C and A.C welding.
6. What are the advantages of welding?
7. Differentiate fission welding and fusion welding
8. What is the role of fluxes in welding
9. Define plasma arc welding
10. What is the principle of resistance welding?
11. Distinguish between gas welding and arc welding
12. Explain the metal arc welding process with a neat sketch
13. Explain the various gas welding equipments
14. Explain the Arc welding equipments
15. Explain the types of gas welding process
16. Explain the various flame characteristics
17. Explain the submerged arc welding process
18. Explain the Electro slag welding process
19. Explain the Air-oxygen gas welding
20. Explain Oxy Acetylene gas welding
21. Explain the Carbon Arc welding
22. Explain the Shielded metal arc welding
23. Explain the Tungsten inert gas welding (TIG)
24. Explain the Metal inert gas welding (MIG)
25. Explain the Plasma arc welding

Unit -2

1. Explain the spot welding
2. Explain the Seam welding
3. Explain the Projection welding
4. Explain the Resistance Butt welding
5. Explain the Flash Butt welding
6. Explain the Percussion welding
7. Explain the High frequency resistance welding

Unit -3

1. Explain the Cold welding
2. Explain the Diffusion welding
3. Explain the Explosive welding
4. Explain the Ultrasonic welding
5. Explain the Friction welding
6. Explain the Forge welding
7. Explain the Roll welding
8. Explain the Hot pressure welding

Unit -4

1. Explain the Thermit welding
2. Explain the Atomic hydrogen welding
3. Explain the Electron beam welding
4. Explain the Laser beam welding
5. Explain the Underwater welding
6. Explain the Friction stirrer welding

Unit -5

1. What are the various weld joint designs
2. Weld ability of aluminum, copper, stainless steel
3. Explain the Destructive testing
4. Explain the Non destructive testing