

Question Bank

1. What is Scope and advantages of NDT?
2. Compare DT and NDT.
3. Explain Ringing test chalk test (oil whitening test).
4. Explain bond strength.
5. How visual inspection test is done.
6. Explain all flaws and defects found in materials.
7. Explain principle of die penetration test?
8. Explain Applications of die penetration test?
9. How frame of a jet engine can be tested?
10. Explain principle of MPI?
11. Explain Applications of MPI.
12. Explain skin effects.
13. Explain principle of X-Ray Radiography?
14. Explain Applications of X-Ray Radiography?
15. How frame of a jet engine can be tested using X-Ray Radiography?
16. Explain principle of photoelectric effect?
17. Explain Applications of gamma ray radiography.
18. Explain principle of US Method?
19. Explain Applications of Piezoelectricity?
20. How frame of a jet engine can be tested using US Method?
21. Explain principle of CRO Techniques.
22. Explain Applications of CRO Techniques.
23. Explain principle of Eddy current testing?
24. Explain Applications of Eddy current testing?
25. How frame of a jet engine can be tested using Eddy current testing?
26. Explain Advantages of Eddy current testing?
27. Explain limitations of Eddy current testing.