

Preface to Latest Edition

(NSQF Level-4 Compliant) Latest Edition

Directorate General of Training (DGT) under the Ministry of Skill Development and Entrepreneurship, being the apex organization for development and coordination of vocational training at the national level, undertakes steps from time to time to improve its various aspects in line with changing market and industry requirements. Presently curricula of all CTS trades stand revised, updated and made NSQF compliant at appropriate levels. The curriculum for Fitter trade has been fixed at level 4 in the Capital Goods and Manufacturing Sector.

Keeping the recent developments and current status in view, this Q–bank has been prepared strictly in accordance with the curriculum prescribed by DGT covering trade theory subject matter sequentially through different chapters, each containing fairly large number of multiple choice questions on All India Trade Test pattern, supplemented by latest solved AITT question papers. Questions relevant to newly added topics in the latest curriculum (periodic revision being an on-going process) have been added in this latest edition.

We sincerely feel that this concise Q – Bank will be of immense help to the trainees to prepare for Annual All India Trade Test. Undoubtedly we would welcome suggestions from our esteemed readers for further improvement of this volume.

–Authors

Contents

1st YEAR

1. Occupational Safety and Health	2	11. Drilling and Reaming	30–33
2. Marking and Marking Tools	3–4	12. Screw Threads	34
3. Metals	5–7	13. Grinding	35–37
4. Hand Tools	8–9	14. Limits and Fits	38–42
5. Measurement and Measuring Tools	10–13	15. Lathe Construction	43–44
6. Cutting Tools and Operations	14–22	16. Lathe Accessories	45–48
7. Sheet Metal Work	23–24	17. Lathe Tools	49–51
8. Brazing and Soldering	25–26	18. Lathe Operations	52–57
9. Riveting	27	19. Preventive Maintenance	58–59
10. Welding	28–29	20. Miscellaneous Practice Questions	60–65

2nd YEAR

1. Fasteners	2–4	9. Installation of Machinery	22
2. Gauges	5–8	10. Transmission of Power	23–24
3. Lapping and Honing	9	11. Technical English and Reporting	25
4. Heat Treatment	10–12	12. Pneumatics and Hydraulics	26
5. Bearings	13–14	13. Lubricants and Coolants	27–28
6. Pipes and Pipe Fittings	15–16	14. Lifting Appliances	29–30
7. Jigs and Fixtures	17–19	15. Miscellaneous Practice Questions	31–38
8. Working Materials	20–21		

Up-to-date Exam. Papers (with Key)