Preface to Latest Edition (NSQF Level–4 Compliant)

Directorate General of Training (DGT) under the Ministry of Skill Development and Entrepreneurship (MSDE) is the apex body in the country as regards planning, formulating and prescribing norms, standards, procedures and guidelines in respect of various vocational training schemes of which Craftsmen Training Scheme (CTS) implemented in ITI's is the most important and wide-spread throughout the country. Prescribing well designed curriculum and putting in place appropriate assessment and certification procedure are among the vital aspects of vocational training.

Refrigeration & Air-conditioning Technician (sector: Capital Goods and Manufacturing) is one among the most popular ITI designated trades and is of two-year duration. DGT issued latest revised version (version 2.0) of the syllabus. The main significant change has been that NSQF level for this trade has been revised from 5 to 4. Besides this some rationalisation / rearrangement of certain topics has been done, e.g. the topic "Car Air Conditioning" has been rightly juxtaposed with the Second Year topic of Mobile AC (Bus, Train).

Thus, this book has been re-designed taking due note of latest changes. Besides covering all necessary topics related to trade theory, as hitherto, each chapter is supplemented by an appropriate set of short Q. - Ans. and MCQs with Key.

- A set of 12 model papers (6 each for first and second year) inclusive of **all Multiple-Choice Questions given in three Sample Papers of Bharat Skills** on All India Annual Trade Test Pattern has been given. Here again with key and essential explanatory notes to facilitate learning with understanding.

We do firmly believe and hope that this **3-in-1 volume** viz.,

1. **Trade Theory**
2. **Assignment (MCQs)**
3. **Model Papers (Solved) inclusive of all Multiple-Choice Questions given in three Sample Papers of Bharat Skills for Annual A.I.T.T. Exam (CBT)**

will be of great help to trainees to learn and understand theory subject of Refrigeration & Air Conditioning Technician trade.

We sincerely hope that trainees will find this book very much helpful to adjust with the latest changes in syllabus related to Refrigeration and Air Conditioning Technician trade. We would welcome suggestions for further improvement of this book in its subsequent editions.

— Author

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2nd Year

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