

Preface to Latest (NSQF Level-5) compliant Edition

Directorate General of Training (DGT) under the Ministry of Skill Development & 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. In 2015, DGT initiated the process of incorporating the concept of competency based curricula. In order to do so, the curriculum of each CTS trade is being reoriented with appropriate National Skill Qualification Framework (NSQF) level. The curricula of quite a few CTS trades have already been made NSQF compliant and for the remaining it is learnt to be in process.

As per DGT's letter No. MSDE / 19 / 01 / 2017 – CD dated 14th August 2017, the curriculum of seven trades was revised and re-aligned to appropriate NSQF levels and brought into force with effect from August 2017 session in ITI's. Subsequently, DGT issued order No MSDE(DGT) – 19/02(7)/2018 – CD dated 9th April 2018, revising / updating curricula of 51 more trades under Craftsmen Training Scheme. Information and Communication Technology System Maintenance trade has been made NSQF Level-5 compliant and kept under I.T. & I.T.E.S. sector.

This book has been prepared as per the new syllabus for Semester-1 and 2 to be implemented from training session starting 2018-20. Each chapter contains syllabus wise text, illustrations and Solved Assignment / Test including large number of multiple choice questions precisely according to NIMI-DGT pattern of trade testing. As per DGT's order No. MSDE – 18011/DGT/2017 – TTC dated 19th April 2018, the trainees admitted in August 2018 session and thereafter will have to appear for annual trade test (unlike semester system).

It is hoped that the book will be able to provide an easy and complete solution to the theory examinations.

We regret for any possible mistake in editing, printing or presentation of the book and suggestions for their removal will be gladly accepted.

– Authors

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NSQF (Level-5) compliant Competency based Curriculum for I.& C.T.S.M. Theory (Semester 1 and 2)
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