



## Basic Mechanical Engineering

By R.K. Rajput

Laxmi Publications Pvt. Ltd, 2007. Softcover. Book Condition: New. 4th edition. This book has been written specially to meet the exhaustive requirements of the subject "Basic Mechanical Engineering" of B.E. Examination of Swami Vivekanand Technical University, Chhattisgarh . Salient features: The presentation of the subject matter is very systematic and the language of text is lucid, direct and easy to understand. The book provides a comprehensive treatment of the subject matter under wide range of topics mentioned in the syllabus of the above mentioned university, including a large number of solved examples to support the text wherever required. A large number of solved examples, properly graded, have been added in various chapters to enable the students to attempt different types of questions in the examination without any difficulty. At the end of each chapter Highlights, Objective Type Questions, Theoretical Questions and Unsolved Examples have been added to make the book a complete unit in all respects. Contents: UNIT I 1. Basic Concepts of Thermodynamics 2. First Law of Thermodynamics UNIT II 3. Second Law of Thermodynamics 4. Ideal and Real Gases 5. Gas Power Cycles 6. Refrigeration Cycles UNIT III 7. Properties of Pure Substances 8. Basic Steam Power Cycles...



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