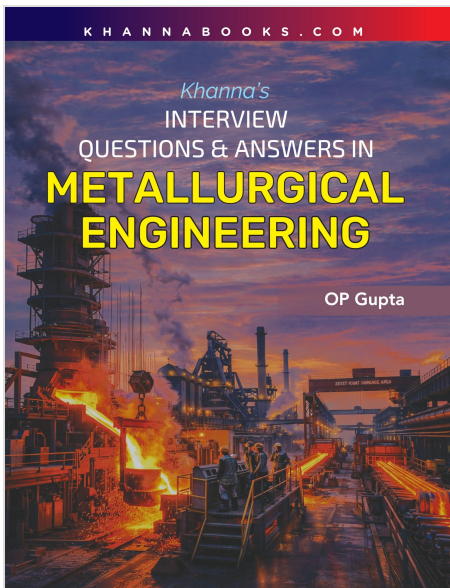




Khanna's Interview Questions & Answers in Metallurgical Engineering

by O.P. Gupta

ISBN-13	9789377087401
ISBN-10	9377087406
Edition	First
Format	Both
Publishing Year	2026
Categories	Metallurgical Engineering, New Arrivals, OBJECTIVE TYPE BOOKS, Book Store
Original Price	₹398.00
Discounted Price	₹298.50
Stock Status	In Stock (5 available)

Description

Interview Questions and Answers in Metallurgical Engineering is a definitive preparatory guide designed to bridge the gap between academic theory and professional practice. Authored by Om Prakash Gupta, an experienced industry veteran, the book serves as a comprehensive resource for students and engineers facing the rigors of technical interviews and competitive examinations. Its core theme centers on the practical application of metallurgical principles across a vast spectrum of materials and processes, ranging from foundational material science to advanced nanomaterials and smart technologies.

The primary purpose of this volume is to equip candidates with the precise, high-impact knowledge required by major public and private sector recruiters, such as SAIL, TATA Steel, and DRDO. By presenting information in a clear question-and-answer format, it demystifies complex topics like phase diagrams, heat treatments, and powder metallurgy, making them accessible for quick revision and deep understanding. Whether you are a diploma student, a postgraduate researcher, or a professional seeking a career transition, this book provides the practical value and academic rigor necessary to excel in the metallurgical engineering landscape.

Salient Features

- **Comprehensive Coverage:** Includes 35 specialized chapters ranging from foundational metallic structures to advanced nanomaterials and polymers.
- **Industry Alignment:** Specifically tailored to meet the technical standards of elite recruiters like SAIL, TATA Steel, ISRO, and DRDO.
- **Academic Integration:** Aligned with degree and diploma curricula, as well as professional exams like AMIE and AMIIM.
- **Process Expertise:** Offers functional insights into industrial workflows, including casting, welding, and metal forming.
- **Property Analysis:** Details the physical, chemical, and mechanical properties used for material selection in engineering.
- **Future-Ready Focus:** Covers modern "Smart" materials and advanced engineering technologies beyond traditional metallurgy.
- **Simplified Concepts:** Breaks down complex topics, such as the Iron-Carbon Equilibrium diagram and heat treatments, into digestible formats.
- **Quality & Safety:** Dedicated sections cover mechanical testing and corrosion control to ensure material reliability and longevity.

About the Author(s)

O.P. Gupta