

Basics of Material Science and Engineering

*New Pattern
for
UPSC ESE Exam*



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PREFACE

Materials are the spinal chord of technology. An Engineer, regardless of which discipline he/she belongs to, must have sound understanding of the basic concepts of material science.

This understanding of materials enables the engineers to select the most appropriate materials and use them with greatest efficiency whilst causing minimum pollution in their extraction, refinement and manufacturing.

On account of the above UPSE has introduced basics of material science in its syllabus of Engineering Services Examination.

We at IES Master have tried to present the subject matter in simple, lucid and exam oriented manner. At the end of each chapter exercises have been given, so that students could practice the questions and check their understanding of the topic.

Hope this will suffice the need of students who are preparing for Engineering Services Examination.

Mr. Kanchan Kumar Thakur
Director Ex-IES

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