

GENERAL PRINCIPLES OF DESIGN, DRAWING AND SAFETY

New Pattern
for
UPSC ESE Exam



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PREFACE

The process of applying technical knowledge to generate a new processes or machines or to modify existing things to meet the new requirements of society, people, organisation is termed as '**design**'. While '**drawing**' is a language of engineers to express their creativity in written form. Once we have developed the design and drawing, one more important thing to be considered is **safety** in design without which all previous developments will become meaningless.

The book "**General Principle of Design, Drawing and Safety**" has been written to address the need of students appearing for UPSC Engineering Services Exam (ESE). Most of the books on this subject have been written too extensively and with a particular branch of engineering in focus, which makes most of the part of the book irrelevant for the exam. In this book we have tried to cover all the relevant topics pertinent to the exam and have introduced important informations in boxes to attract special attention and to clarify important concepts. Objective questions have been introduced at the end for practice and to discover the extent of students knowledge.

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