

IES-English and General Studies

General English

The English paper will be designed to test general understanding of English and everyday use of words. .

General Knowledge

General Knowledge including knowledge of current events and matters of every day observation and experience. The knowledge of scientific aspects of everyday life is expected at the level of an educated person. The paper will also include questions on History of India and Geography of a nature which the candidate should be able to answer without special study.

IES-Civil Engineering Syllabus

Paper I

1. BUILDING MATERIALS

Timber: Different types and species of structural timber, density-moisture relationship, strength in different directions, defects, influence of defects on permissible stress, preservation, dry and wet rots, codal provisions for design, Plywood.

Bricks: Types, Indian Standard classification, absorption, saturation factor, strength in masonry, influence of mortar strength on masonry strength.

Cement: Compounds of, different types, setting times, strength.

Cement Mortar: Ingredients, proportions, water demand, mortars for plastering and masonry.

Concrete: Importance of W/C Ratio, Strength, ingredients including admixtures, workability, testing for strength, elasticity, non-destructive testing, mix design methods.

2. SOLID MECHANICS

Elastic constants, stress, plane stress, Mohr's circle of stress, strains, plane strain, Mohr's circle of strain, combined stress; Elastic theories of failure; Simple bending, shear; Torsion of circular and rectangular sections and simple members.

3. STRUCTURAL ANALYSIS

Analysis of determinate structures - different methods including graphical methods.

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Sheng-Taur Mau, Sami Maalouf



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2012-2013 College Admissions Data Sourcebook Southeast Edition , 2012-2013 College Admissions Data Sourcebook West Edition , 2012-2013 College Admissions Data Sourcebook Midwest Edition , Data Information Literacy Jake Carlson, Lisa R. Johnston, 2015-01-15 Given the increasing attention to managing publishing and preserving research datasets as scholarly assets what competencies in working with research data will graduate students in STEM disciplines need to be successful in their fields And what role can librarians play in helping students attain these competencies In addressing these questions this book articulates a new area of opportunity for librarians and other information professionals developing educational programs that introduce graduate students to the knowledge and skills needed to work with research data The term data information literacy has been adopted with the deliberate intent of tying two emerging roles for librarians together By viewing information literacy and data services as complementary rather than separate activities the contributors seek to leverage the progress made and the lessons learned in each service area The intent of the publication is to help librarians cultivate strategies and approaches for developing data information literacy programs of their own using the work done in the multiyear IMLS supported Data Information Literacy DIL project as real world case studies The initial chapters introduce the concepts and ideas behind data information literacy such as the twelve data competencies The middle chapters describe five case studies in data information literacy conducted at different institutions Cornell Purdue Minnesota Oregon each focused on a different disciplinary area in science and engineering They detail the approaches taken how the programs were implemented and the assessment metrics used to evaluate their impact The later chapters include the DIL Toolkit a distillation of the lessons learned which is presented as a handbook for librarians interested in developing their own DIL programs The book concludes with recommendations for future directions and growth of data information literacy More information about the DIL project can be found on the project s website datainfo.org

Syllabus of Lectures on Civil Engineering W. Ranger (C.E.), 1848 **Introduction to Civil Engineering: A Student's Guide to Academic and Professional Success (Revised First Edition)** Sheng-Taur Mau, Sami Maalouf, 2014-08-18 This text serves as both a textbook and a professional guide It addresses all aspects of education and professional preparation for civil engineers beginning with major technical areas and attributes and concluding with hiring opportunities **Elements of Civil Engineering (As per the Syllabus of Gujarat Technological University) , Basics of Civil and Mechanical Engineering** Rajesh Kumar R, 2019-08-01 This book addresses various aspects of civil and mechanical engineering field We have included numerous neatly drawn figures and problems with solutions for the better understanding of the subject The book is organized in six modules as per the syllabus of the first second semester B Tech course under APJ Abdul Kalam Technological University Kerala **Quick Review In Objective Civil Engineering {With Explanatory Answers} (Upse, Ies, Gate)** Rai V. & Mishra R., 2006-01-01 Strength of Materials and Graphics Statics

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Model Test Paper I Model Paper II *A Textbook On Elements Of Civil Engineering And Engineering Mechanics (as Per Vtu
Syllabus)* S.S. Bhavikatti, 2006-01-01

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