

Engineering Mechanics

Quiz(115 items)

Multiple Choice

OBJECTIVE QUESTIONS

- Which of the following is a scalar ?
(A) Force
(B) Electromotive force
(C) Torque
(D) None of the above
- Which of the following is a scalar ?
(A) Linear momentum
(B) Electric current
(C) Weight
(D) None of the above
- Which of the following is not a polar vector ?
(A) Force
(B) Angular velocity
(C) Weight
(D) None of the above
- Which of the following is a Pseudo vector ?
(A) Force
(B) Gravitational field intensity
(C) Torque
(D) None of the above
- Which of the following is a vector ?
(A) Gravitational potential
(B) Potential difference
(C) Time
(D) None of the above
- Which of the following are vector quantities ?
(A) Number of students in class
(B) Velocity of a thrown base ball
(C) Mass of car
(D) None of the above
- Pressure of an ideal gas is a—
(A) Scalar
(B) Vector
(C) Neither scalar nor vector
(D) Numerals
- Stress is—
(A) Vector
(B) Scalar
(C) Tensor
(D) None of the above
- Tensor of rank zero is called—
(A) Scalar
(B) Vector
(C) Numeral
(D) None of the above

Multiple Choice Questions Transportation Engineering

Yijin Wang



Multiple Choice Questions Transportation Engineering:

Civil Engineering Alan Williams,2004 This book is derived from Chapter 3 of Civil Engineering License Review and Civil Engineering License Problems and Solution It contains the complete review of the topic example questions with step by step solutions and practice problems at the end of each chapter Also in this book are all of the problems and solutions needed to review for the bridge structures portion of the Professional Engineer exam for Civil Engineering The book also includes 44 review problems with complete step by step solutions Additionally it provides a code specific review **FCI Exam**

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Civil Engineering Problems Michael R. Lindeburg, 2001 Of all the PE exams more people take the civil than any other discipline The eight hour open book multiple choice exam is given every April and October The exam format is breadth and depth all examinees are tested on the breadth of civil engineering in the morning session in the afternoon they select one of five specialties to be tested on in depth Our civil PE books are current with the exam they reflect the new format and they reference all the same codes used on the exam 101 Solved Problems for extra problem solving practice Practice problems in essay format cover a wide range of breadth and depth exam topics Includes full solutions Civil Engineering, Transportation Engineering James H. Banks, Robert W. Stokes, 2000 This review book is for engineers planning to take the Civil Engineering PE exam in transportation The chapters are taken from the Civil Engineering License Review and Civil Engineering License Problems and Solutions It contains the complete review of the topics and includes example questions with step by step solutions and end of chapter practice problems Also featured is information from the Latest Codes 1998 Highway Capacity Manual The chapters are derived from Chapter 11 of Civil Engineering License Review There are 15 problems with complete step by step solutions **Compendium of Technical Papers** Institute of Traffic Engineers. Meeting, Institute of Transportation Engineers. Meeting, 1950 **Ethics in Civil and Structural Engineering: Professional Responsibility and Standard of Care** Dave K. Adams, 2021-12-31 Learn the principles and practices of ethics as applied to civil and structural engineering This comprehensive textbook looks at ethics through the lens of civil and structural engineering Written by a practicing engineer and experienced author Ethics in Civil and Structural Engineering Professional Responsibility and Standard of Care uses known standards of professional care ethical codes of conduct court opinions and case studies to connect core concepts to real world professional practices You will get strategies for ethically approaching pivotal issues including environmental sustainability resilient construction professional responsibility business and interpersonal relationships and dispute resolution Coverage includes An overview of ethics and morality Defining and understanding competence A clear outline of engineering ethics Consideration of degrees of negligence Dealing with uncertainty and assessing error Professional responsibility Legal expectation of care in practice Ethical considerations with codes and regulations Historical development of ethical thought Justification for competent and ethical choices Case studies in ethics and standard of care Ethics and sustainability The globally conscious engineer **Banking & SSC April 2021 eBook** Jagranjosh, 2021-04-07 Jagranjosh s Banking SSC e book April 2021 eBook is a one stop solution to help students preparing for the upcoming SSC JE RBI Grade B 2021 Exams All the chapters of this e book are reader friendly and easy to understand Our team at Jagranjosh com wishes all the very best to the aspirants of Banking SSC Exams Key Feature Banking SSC e book April 2021 is prepared by subject matter expert team of Jagranjosh com who worked up the best to come up with this all inclusive preparation package for SSC JE RBI Grade B 2021 Exams The book includes a preparation strategy for SSC JE RBI Grade B 2021 Exams This e book also contains Important Topics of SSC JE Exam Apart from this the book also has

extensive coverage of important events throughout the month Structural Engineering Alan Williams,2004 Written for candidates preparing for the state specific structural engineering examinations this volume contains problems and solutions from recent exams Candidates for the national Structural I and II exams can use this book in conjunction with the UBC IBC Structural Comparison Cross Reference found on page 22 The book is a comprehensive guide and reference for self study

Seismic Design of Buildings and Bridges Alan Williams,2000 Written for engineers preparing for the National Structural Engineering Exam used in 26 states the Structural Exam used in CA NV WA HI and ID and the Special Civil Engineer Exam in CA Complies with the 1997 Uniform Building Code and the latest AASHTO AISC and SEAOC standards 100 example problems of which 50 are examination problems Detailed step by step solutions for every problem in the book 18 calculator programs to solve the most frequent calculation procedures written for HP 48G to present all intermediate stages as well as the solutions 8 page summary of useful equations for use at test time This book has been written to assist candidates preparing for the seismic principles examinations It is a comprehensive guide and reference for self study based on the 1997 edition of the Uniform Building Code An introductory chapter describes the California Special Civil Engineer and Structural Engineer Exams and the NCEES Structural Examinations Subsequent chapters cover General Seismic Principles Static and Dynamic Lateral Force Procedures for Buildings Seismic Design of Steel Concrete Wood and Masonry Structures and Seismic Design of Bridges 30% text 70% problems and solutions **Transportation Systems Planning and Management** National Research Council (U.S.). Transportation Research Board,1988 **Highway Research Abstracts** ,1966 **Stereophotographic Aids in Engineering Education** Arthur LeRoy Straub,1951 **Engineering Draftsman** National Learning Corporation. Civil Service Division,1971 **Aerospace Engineering Index** ,1948 *Aeronautical Engineering Index* ,1948 **Aviation Week** ,1947

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