
HVAC Practice Test Questions With Correct Answers Explained 2023

Absorption - Answer A refrigeration cycle where input energy is heat

Adiabatic - Answer without gain or loss of heat

Air Conditioning - Answer controlling air temperature humidity and quality

Air Cooled Condenser - Answer a heat exchanger that transfers building heat to outdoor air

Air Handler - Answer air moving equipment that can change air temperature humidity and quality

BTU - Answer British thermal unit. 1 BTU will increase the temperature of 1 lb of water 1 degree F

BTUH - Answer Rate of heat flow. BTU per hour

C - Answer the tendency to conduct heat for a standard thickness of material

CFM - Answer Cubic feet per minute

Chiller - Answer a heat exchanger where an evaporating refrigerant chills water

Chill Water - Answer water about 45 F use in a heat exchanger to cool and dehumidify an air stream

Coil - Answer a heat exchanger

Condensation - Answer Change of state from vapor to liquid; heat is released

Constant Volume - Answer HVAC equipment that controls room temperature by controlling the temperature of conditioning air

Cooling Tower - Answer a heat exchanger that transfers building heat to outdoor air by evaporating water

COP - Answer coefficient of performance

Deck - Answer A heat exchanger

Dehumidify - Answer Remove moisture

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Exploring Autodesk Revit 2021 for MEP, 7th Edition Prof. Sham Tickoo, 2020-12-06 Exploring Autodesk Revit 2021 for MEP book covers the detailed description of all basic and advanced workflows and tools to accomplish an MEPF Mechanical Electrical Plumbing and Fire Fighting project in a BIM environment It explores the processes involved in Building Information Modeling The topics covered in this book range from creating building components HVAC system electrical system plumbing system and Fire protection system to designing conceptual massing performing HVAC heating and loading analysis and creating rich construction documentation In Revit MEP 2021 book special emphasis has been laid on the concepts of space modeling and tools to create systems for all disciplines MEP Each concept in this book is explained using the detailed description and relevant graphical examples and illustrations The accompanying tutorials and exercises which relate to the real world projects help you understand the usage and abilities of the tools available in Autodesk Revit 2021 In addition the chapters in this book are punctuated with tips and notes to make the concepts clear thereby enabling the readers to create their own innovative projects Salient Features Comprehensive book that covers all major Revit MEP tools and concepts Coverage of advanced concepts such as worksharing families and system creation Detailed description on building envelope spaces and zones HVAC system electrical system fire fighting system and plumbing system Step by step explanation that guides the users through the learning process Effectively communicates the utility of Revit 2021 for MEP Self Evaluation Test and Review Questions at the end of chapters for self assessment Table of Contents Chapter 1 Introduction to Autodesk Revit 2021 for MEP Chapter 2 Getting Started with an MEP Project Chapter 3 Creating Building Envelopes Chapter 4 Creating Spaces and Zones and Performing Load Analysis Chapter 5 Creating an HVAC System Chapter 6 Creating an Electrical System Chapter 7 Creating Plumbing Systems Chapter 8 Creating Fire Protection System Chapter 9 Creating Construction Documents Chapter 10 Creating Families and Worksharing Index Generation of Electrical Energy, 7th Edition Gupta B.R., 2017-11 Generation of Electrical Energy is written primarily for the undergraduate students of electrical engineering while also covering the syllabus of AMIE and act as a refresher for the professionals in the field The subject itself is now rejuvenated with important new developments With this in view the book covers conventional topics like load curves steam generation hydro generation parallel operation as well as new topics like new sources of energy generation hydrothermal coordination static reserve reliability evaluation among others The Licensing Exam Review Guide in Nursing Home Administration, Seventh Edition James E. Allen, PhD, MSPH, NHA, IP, 2015-12-02 Sixth Edition A Doody's Core Title This is an excellent tool for anyone preparing to take the national licensing exam or a current licensed administrator needing a good review Score 93 4 Stars Doody's Medical Reviews for the Sixth Edition The seventh edition of this classic review guide for nursing home administration licensure is revised and updated to reflect new information as recently mandated for the federally required national exam It is based on the same format as the actual exam and provides

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