

Acls Study Guide 2013 American Heart Association

Awarded second place in the 2017 AJN Book of the Year Awards in the Critical Care-Emergency Nursing category. Provide the best possible emergency cardiovascular care — using the newest ECC guidelines! ACLS Study Guide, 5th Edition offers a complete, full-color overview of advanced cardiovascular life support. An easy-to-read approach covers everything from airway management to cardiac arrest rhythms and their management, electrical therapy, acute coronary syndromes, and acute stroke. In addition to the latest ACLS treatment algorithms, this edition includes case studies and hundreds of full-color photos and illustrations. Case studies present common, realistic clinical situations, helping you learn and apply skills in cardiac rhythm interpretation, medication administration, and other essential interventions. ACLS Pearls boxes offer brief explanations of complex topics and useful tips for clinical practice. End-of-chapter quizzes include answers and rationales, helping you learn and remember the most important information. Easy-to-understand approach simplifies your study of advanced cardiac life support, thanks to Barbara Aehlert's unique, conversational writing style. **NEW! UPDATED** content centers on evidence-based practice recommendations, including the 2015 American Heart Association

Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care and the 2015 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. NEW! Improved format integrates all case studies into the appropriate chapters, so that you can apply concepts immediately to real-world situations.

The AACN Procedure Manual for High Acuity, Progressive, and Critical Care, 7th Edition, authored by the American Association of Critical-Care Nurses, is the authoritative reference to procedures performed in high acuity, progressive, and critical care settings. It visually guides you through procedures unique to the adult critical care environment, including those performed by advanced practice nurses, in an illustrated, step-by-step format. This edition features 17 new procedures, new illustrations, and updated content throughout, reflecting the latest evidence-based guidelines and national and international protocols. Authored by the American Association of Critical-Care Nurses, the foremost authority in critical care nursing, the AACN Procedure Manual is the most authoritative reference to procedures performed by nurses in high acuity, progressive, and critical care settings. Comprehensive coverage includes all procedures commonly performed by nurses in high acuity, progressive, and

critical care settings, including those performed by advanced practice nurses (indicated by an AP icon). A straightforward step-by-step organization uses consistent headings to make following a procedure (and finding the various supporting elements) quick and easy. Rationales for all interventions in patient and family education, assessment, patient preparation, procedure, and monitoring help you understand the reason for every step. The level of evidence is provided when an evidence base exists to substantiate an intervention, giving insight into the strength of information available. Advanced practice procedures are clearly identified with an AP icon so you can judge whether a procedure is within your scope of practice. Alphabetical Procedure Index inside the front cover provides quick access to the procedures. Written by more than 100 expert critical care nurses and extensively reviewed by more than 100 experts in critical care nursing to ensure the accuracy and currency of each procedure. Bulleted lists, tables, and detailed illustrations throughout ensure that content is easy to reference and digest. NEW! Updated content throughout reflects the latest evidence-based guidelines and national and international protocols. NEW! 17 new procedures reflect major additions to nursing practice in high acuity, progressive, and critical care settings. NEW! Engaging new illustrations of procedures, equipment, and techniques are integrated throughout.

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The latest offering from Cisco Expert Todd Lammle for the New CCENT Certification Written by industry expert and Cisco networking guru, Todd Lammle, CCENT Study Guide improves on the popular Sybex Study Guide approach by providing 100 percent coverage of the ICND1 (#100-101) exam objectives. The book contains detailed information and examples on crucial Cisco networking topics, and provides practical examples and insights drawn from Todd's almost 30 years of real-world experience. You'll also have access to dozens of hands-on labs to get the necessary experience needed to pass the exam. Covers operating IP data networks Deciphers understanding switching and routing technologies Discusses troubleshooting and network security Explains working with IPv4 and IPv6 addressing In addition, access is provided to a robust set of learning tools, including the Sybex test engine with hundreds of sample questions, a pre-assessment test, ICND1 practice exams, and electronic flashcards. **BONUS:** Also includes a network simulator for readers to perform all of the hands-on labs included in the book and author videos.

This study tool provides a wealth of activities to reinforce content from the text. The activities accommodate many learning styles and promote the reader's ability to apply information in the patient care setting. Applying Your Knowledge exercises challenge readers to develop critical thinking skills. Mastering the

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Information exercises expand the reader's understanding of drug therapy and develop insight about client teaching needs. NCLEX-style multiple-choice and alternate-format questions offer opportunities to practice test-taking skills.

The first book to explore the historical role and residual impact of the Green Book, a travel guide for black motorists Published from 1936 to 1966, the Green Book was hailed as the “black travel guide to America.” At that time, it was very dangerous and difficult for African-Americans to travel because black travelers couldn’t eat, sleep, or buy gas at most white-owned businesses. The Green Book listed hotels, restaurants, gas stations, and other businesses that were safe for black travelers. It was a resourceful and innovative solution to a horrific problem. It took courage to be listed in the Green Book, and Overground Railroad celebrates the stories of those who put their names in the book and stood up against segregation. It shows the history of the Green Book, how we arrived at our present historical moment, and how far we still have to go when it comes to race relations in America.

CRNA Certification Exam Review is the ideal study guide for new and recertifying nurses preparing for the Certified Registered Nurse Anesthetists (CRNA) certification exam. Built to mirror the Council on Certification of Nurse Anesthetists (CCNA) test blueprint, it offers 1,600 practice questions with

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comprehensive answer rationales. CRNA Certification Exam Review explores basic sciences, equipment, instrumentation and technology, basic and advanced principles of anesthesia, and professional issues. Included with each new print book is an Access Code for Navigate TestPrep, a dynamic and fully hosted online assessment tool designed to help nurses prepare for certification examinations by offering case-based questions, detailed rationales, and robust reporting. * Randomized questions create new exams on each attempt * Monitors results on practice examinations with score tracking and time on each task * Reporting tools evaluate progress and results on each attempt * Includes bonus questions not found in the book

Product 80-1535TR

Cardiac arrest can strike a seemingly healthy individual of any age, race, ethnicity, or gender at any time in any location, often without warning. Cardiac arrest is the third leading cause of death in the United States, following cancer and heart disease. Four out of five cardiac arrests occur in the home, and more than 90 percent of individuals with cardiac arrest die before reaching the hospital. First and foremost, cardiac arrest treatment is a community issue - local resources and personnel must provide appropriate, high-quality care to save the life of a community member. Time between onset of arrest and provision of care

is fundamental, and shortening this time is one of the best ways to reduce the risk of death and disability from cardiac arrest. Specific actions can be implemented now to decrease this time, and recent advances in science could lead to new discoveries in the causes of, and treatments for, cardiac arrest. However, specific barriers must first be addressed. *Strategies to Improve Cardiac Arrest Survival* examines the complete system of response to cardiac arrest in the United States and identifies opportunities within existing and new treatments, strategies, and research that promise to improve the survival and recovery of patients. The recommendations of *Strategies to Improve Cardiac Arrest Survival* provide high-priority actions to advance the field as a whole. This report will help citizens, government agencies, and private industry to improve health outcomes from sudden cardiac arrest across the United States.

In this book, Martin Krieger provides a detailed and practical guide for readers who wish to become more effective scholars, teachers, and administrators. *The Thriving Professor* dispenses usable insights that smooth the passages through promotion and tenure, and enable the scholar to write and publish more effectively as well as to avoid traps along the way. This work is helpful to those manoeuvring through academic difficulties. It offers essential advice to professors at every stage in their careers to move forward, and takes much of the myth out of the academic life. *The Thriving Professor* is the friendly mentor everyone wishes for. Krieger says out loud what others hint at, and is non-judgmental.

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Let Todd Lammle prepare you to ace the CCNA ICND2 exam If you already have your CCENT, the ICND2 exam is all you need to earn the CCNA certification. This new study guide from Cisco networking authority Todd Lammle covers 100 percent of the objectives for the exam. Topics include operating IP data networks, understanding switching and routing technologies, working with IPv4 and IPv6 addressing, and troubleshooting. A robust set of study tools, including a network simulator that can be used with the book's hands-on labs and practice exams, gives you added confidence as you prepare. Written by leading Cisco expert Todd Lammle, this complete study guide covers all the exam objectives for the new ICND2 exam Cisco certification is the number one certification sought by networking professionals Covers operating IP data networks, understanding switching and routing technologies, troubleshooting and network security, and working with IPv4 and IPv6 addressing Includes a companion test engine with hundreds of sample questions, a preassessment test, practice exams, and over 100 electronic flashcards Features a network simulator for use with the hands-on labs included in the book Bonus Content: Access to MicroNugget videos from CBT Nuggets CCNA ICND2 Study Guide: Exam 200-101 will give you the knowledge and confidence to pass the exam and advance your career.

Find essential nursing information at a glance! Mosby's PDQ for RN: Practical, Detailed, Quick, 4th Edition is an easy-to-use, pocket-sized guide to important facts, formulas, and procedures used in the clinical setting. It offers quick access to details you need but don't usually memorize, such as signs and symptoms, medications, conversions, abbreviations, and normal/abnormal ranges for lab tests. Durable pages and spiral binding can withstand the wear and tear of daily use on the job. When in doubt, check this handy reference! 10 tabbed, color-

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coded sections provide quick access to essential facts, formulas, lab values, procedures, and more. Compact size features durable, water-resistant pages and spiral binding, making the book easy to carry and use in any clinical setting. A focus on special populations includes separate sections on pediatric, maternity, and geriatric patients. Emergency Care section provides guidelines for treating stroke patients, assessing trauma patients, and responding to cardiopulmonary arrest. HIPAA- and OSHA- compliant information reflects the latest practice standards and guidelines. Colorful charts and tables make lookup easy, and data is thorough enough for even experienced practicing nurses. NEW! Expanded coverage addresses oxygen delivery, hypoglycemic drugs, cardiac rhythms (STEMI), seizure treatment, breath sounds, and more. NEW assessment tools are included for pain, nutrition, and alcohol abuse. UPDATED content reflects the latest clinical developments, screening guidelines, and drug information. The AACN Procedure Manual for Critical Care, 6th Edition presents procedures for the critical care environment in an illustrated, consistent, and step-by-step format. The Procedures and Patient Monitoring sections are presented in a tabular format that includes special considerations and rationales for each intervention. References have been meticulously reviewed to ensure that the most authoritative and timely standards of practice are used. Additionally, the references supporting care recommendations are identified according to the latest AACN Evidence Leveling System to ensure that you have a complete understanding of the strength of the evidence base. UNIQUE! AACN-sponsored content ensures the highest standards of practice Comprehensive, clear, easy-to-use format allows you to quickly find and review the exact content you need Rationales provide complete information on every procedure Identified AP procedures help you judge whether a procedure is in your scope of

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practice Patient safety highlighted with new icons for patient identification and time-out Joint Commission Universal Protocols CDC Standard Precautions for hand washing and applying protective clothing and equipment highlighted with new icons UNIQUE! Clarity of Evidence Leveling helps you quickly grasp the strength of the evidence supporting the care recommendations Reviewed and Updated References comply with the highest standards of critical care practice Alphabetical procedures index inside the front cover provides easy access Reader-friendly design changes make it easier to identify and utilize special features

The world of medical technologies is undergoing a sea change in the domain of consumer culture. Having a grasp on what appeals to consumers and how consumers are making purchasing decisions is essential to the success of any organization that thrives by offering a product or service. As such, it is vital to examine the consumer-centered aspects of medical technological developments that have a patient-centered focus and allow patients to take part in their own personal health and wellness. Consumer-Driven Technologies in Healthcare: Breakthroughs in Research and Practice is a critical source of academic knowledge on the use of smartphones and other technological devices for cancer therapy, fitness and wellness, chronic disease monitoring, and other areas. The tracking of these items using technology has allowed consumers to take control of their own healthcare. Highlighting a range of pertinent topics such as clinical decision support systems, patient engagement, and electronic health records, this publication is an ideal reference source for doctors, nurse practitioners, hospital administrators, medical professionals, IT professionals, academicians, and researchers interested in advancing medical practice through technology.

This intellectual biography of Nikolai N. Bolkhovitinov (1930–2008), the prominent Russian

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historian who was a leading scholar of US history and Russia–US relations, also examines broader social, cultural, and intellectual developments within the Americanist scholarly community in Soviet and post-Soviet Russia.

The Save a Life Initiative has just released its newest course: Advanced Cardiac Life Support (ACLS). This manual is based on the 2015-2020 Advanced Cardiac Life Support guidelines published by the American Heart Association. The Advanced Cardiac Life Support (ACLS) Provider Handbook is a comprehensive resource intended for health care professionals currently enrolled in an Advanced Cardiac Life Support Certification or Recertification Course. It serves as the primary training material for ACLS Certification and Recertification courses. Although it is primarily intended for use during their courses, the handbook was also created to serve as daily reference material for health care professionals. Information covered in the handbook includes ACLS instruction for adults and children through multiple case scenarios. Case scenarios include, but are not limited to, respiratory arrest, ventricular fibrillation and bradycardia. Specific ACLS Algorithms and more are also included within the handbook. All material included in this handbook is delivered in a manner meant to enhance learning in the most comprehensive and convenient way possible.

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The original reference resource for medical oncologists, radiation oncologists, internists, and allied specialties involved in the treatment of cancer patients, Holland-Frei Cancer Medicine covers the ever-expanding field of current cancer science and clinical oncology practice. In this new ninth edition an outstanding editorial team from

world-renowned medical centers continue to hone the leading edge forged in previous editions, with timely information on biology, immunology, etiology, epidemiology, prevention, screening, pathology, imaging, and therapy. Holland-Frei Cancer Medicine, Ninth Edition, brings scientific principles into clinical practice and is a testament to the ethos that innovative, comprehensive, multidisciplinary treatment of cancer patients must be grounded in a fundamental understanding of cancer biology. This ninth edition features hundreds of full color illustrations, photographs, tables, graphs and algorithms that enhance understanding of complex topics and make this text an invaluable clinical tool. Over 15 brand new chapters covering the latest advances, including chapters Cancer Metabolism, Bioinformatics, Biomarker Based Clinical Trial Design, Health Services Research and Survivorship bring this comprehensive resource up-to-date. Each chapter contains overview boxes, select references and other pedagogic features, designed to make the content easy to access and absorb. The full list of references for each chapter are available on the free Wiley Companion Digital Edition. Inside this completely updated Ninth Edition you'll find: A translational perspective throughout, integrating cancer biology with cancer management providing an in depth understanding of the disease An emphasis on multidisciplinary, research-driven patient care to improve outcomes and optimal use of all appropriate therapies Cutting-edge coverage of personalized cancer care, including molecular diagnostics and therapeutics Concise, readable, clinically relevant text with algorithms, guidelines and insight into the

use of both conventional and novel drugs Free access to the Wiley Companion Digital Edition providing search across the book, full reference list with web links, downloadable illustrations and photographs, and post publication updates to key chapters Edited and authored by an international group of some of the best-known oncologists, cancer researchers, surgeons, pathologists, and other associated specialists in the world, and endorsed by the American Association of Cancer Research Holland-Frei Cancer Medicine offers a genuinely international view of cancer research and clinical oncology practice. Endorsed by the American Association of Cancer Research

This revision of a well-loved text continues to embrace the confluence of person, environment, and occupation in mental health as its organizing theoretical model, emphasizing the lived experience of mental illness and recovery. Rely on this groundbreaking text to guide you through an evidence-based approach to helping clients with mental health disorders on their recovery journey by participating in meaningful occupations. Understand the recovery process for all areas of their lives—physical, emotional, spiritual, and mental—and know how to manage co-occurring conditions.

They sought to transform the globe and ended up transforming modern America Between the 1890s and the Vietnam era, many thousands of American Protestant missionaries were sent to live throughout the non-European world. Their experience

abroad made many of these missionaries and their children critical of racism, imperialism, and religious orthodoxy. When they returned home, they brought new liberal values back to their own society. David Hollinger reveals the untold story of how these missionary-connected individuals left an enduring mark on American public life as writers, diplomats, academics, church officials, publishers, foundation executives, and social activists. *Protestants Abroad* reveals the crucial role they played in the development of modern American liberalism, and shows how they helped other Americans reimagine their nation's place in the world.

As academics in postcolonial Caribbean countries, we have been trained to believe that research should be objective: a measurable benefit to the public good and quantifiable in nature so as to generalize findings to develop knowledge societies for economic growth. What happens, however when the very word “research” connotes a derogatory term or semblance of distrust? Smith (1999) speaks towards the distrustful nature of the term as a legacy of European imperialism and colonialism. Against this backdrop, how do Caribbean researchers leverage recognized and valued (indigenous) methods of knowing and understanding for and by the Caribbean populace? How do we learn from indigenous research methods such as Kaupapa Maori (Smith, 1999) and develop an understanding of research that is emancipatory in nature? Decolonizing qualitative methods are rooted in critical theory and grounded in social justice, resistance, change and emancipatory research for and by the Other (Said, 1978). Rodney's (1969) legacy

of “groundings” provides a Caribbean oriented ethnographic approach to collecting data about people and culture. It is an anti-imperialist method of data collection focused on the socioeconomic and political environment within the (post) colonial context. Similar to Rodney, other critical Caribbean scholars have moved the research discourse to center on the notions of resistance, struggle (Chevannes, 1995; Feraria, 2009) and decolonizing methodologies. This proposed edited volume will provide a collective body of scholarship for innovative uses of decolonizing qualitative research. In order to theorize and conduct decolonizing research, one can argue that the researcher as self and as the Other needs to be interrogated. Borrowing from an autoethnographic ontology, the researcher or investigator recognizes the self as the unit of measure, and there is a concerted effort to continuously see the self, seeing the self through and as the other (Alexander, 2005; Ellis, 2004). This level of interrogation may require frameworks such as Reasonable Humanism in which there is a clear understanding of the role of the researcher and researched from a physiological and psychosocial standpoint. Thereafter, the researcher is better prepared to enter into a discourse about decolonizing methodologies. The origins of qualitative inquiry in the Caribbean can be traced to political and economic discourses – Marxism, postcolonialism, neocolonialism, capitalism, liberalism, postmodernism- which have challenged ways of knowing and the construction of knowledge. Evans (2009) traced the origins of qualitative inquiry to slave narratives, proprietor’s journals, missionaries’

reports and travelogues. Common to the Caribbean is an understanding of how colonial legacies of research have ridiculed oral traditions, language, and ways of knowing, often rendering them valueless and inconsequential. This proposed edited volume acknowledges the significance of decolonizing approaches to qualitative research in the Caribbean and the wider Caribbean diaspora. It includes an audience of scholars, teacher/ researchers and students primarily in and across the humanities, social sciences and educational studies. This proposed volume would provide much needed knowledge and best practice strategies to the community of researchers engaged in decolonizing methodologies. Additionally, this volume will allow readers to think of new imaginings of research design that deconstruct power and privilege to benefit knowledge, communities and participants. It will spark key objectives, directions and frameworks for deeper discussions and interrogations of normative, westernized and hegemonic approaches to qualitative research. Lastly, the volume will welcome empirical studies of application of decolonizing methodologies and theoretical studies that frame critical discourse.

Prepare for the new CCNA exams with this Todd Lammle study guide Cisco author, speaker, and trainer Todd Lammle is considered the authority on all things networking, and his books have sold almost a million copies worldwide. This all-purpose CCNA study guide methodically covers all the objectives of the ICND1 (100-101) and ICND2 (200-101) exams as well as providing additional insight for those taking CCNA

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Composite (200-120) exam. It thoroughly examines operation of IP data networks, LAN switching technologies, IP addressing (IPv4/IPv6), IP routing technologies, IP services, network device security, troubleshooting, and WAN technologies. Valuable study tools such as a companion test engine that includes hundreds of sample questions, a pre-assessment test, and multiple practice exams. Plus, you'll also get access to hundreds of electronic flashcards, author files, and a network simulator. CCNA candidates may choose to take either the ICND1(100-101) and ICND2 (200-101) exams or the CCNA Composite exam (200-120); this study guide covers the full objectives of all three

Written by bestselling Sybex study guide author Todd Lammle, an acknowledged authority on all things Cisco Covers essential Cisco networking topics such as operating an IP data network, IP addressing, switching and routing technologies, troubleshooting, network device security, and much more Includes a comprehensive set of study tools including practice exams, electronic flashcards, comprehensive glossary of key terms, videos, and a network simulator that can be used with the book's hands-on labs Bonus Content: Access to over 40 MicroNugget videos from CBT Nuggets

CCNA Routing and Switching Study Guide prepares you for CCNA certification success.

Sandra Smith's Review for NCLEX-RN®, Thirteenth Edition is a comprehensive and current evidence-based RN content review. Following the latest NCLEX-RN exam blueprint, it features 2,500 NCLEX® formatted practice questions with detailed answers

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and rationales that stimulate critical thinking. The reader-friendly approach includes a clear and concise outline format with study guidelines and test-taking strategies. It also covers all of the latest trends, evidence-based treatment guidelines, and additional updated information needed for safe clinical practice and patient care. New to this edition is an expanded emphasis on patient safety, the National Patient Safety Goals and NCLEX® examination preparation, ties to QSEN competencies, and a greater focus on evidence-based clinical practice. Please note, Navigate TestPrep must be purchased separately.

What is our definition of "modernism if we imagine it stretching from 1865 to 1965 instead of 1890 to 1945? How does the captivity narrative change when we consider it as a contemporary, not just a "colonial, genre? What does the course of American literature look like set against the backdrop of federal denials of Native sovereignty or housing policies that exacerbated segregation? Filled with challenges to scholars, inspirations for teachers (anchored by an appendix of syllabi), and entry points for students, Timelines of American Literature gathers some of the most exciting new work in the field to showcase the revelatory potential of fresh thinking about how we organize the literary past.

The highly respected DIVERSIFIED HEALTH OCCUPATIONS is now HEALTH SCIENCE! The new 8th edition continues to be the all in one resource for introductory coursework in the health science curriculum. Organized in two parts, the first section of

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the book presents foundational information required to enter a broad range of health professions, such as infection control, first aid, and professionalism. The second provides fundamental entry-level skills by specific careers, including medical assisting, dental assisting, and more. Carefully revised with new photos throughout, this eighth edition includes a new chapter on Medical Math, information on the Patient Protection and Affordable Care Act, new nutritional guidelines from the U.S. Department of Agriculture, updates that correlate with the National Healthcare Foundation Standards, and much more! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A unique combination of arrhythmias and ACLS (Advanced Cardiac Life Support) in a single authoritative resource, this book facilitates recognition and interpretation of the most frequently encountered cardiac rhythms in ACLS and emergency cardiac care. It also covers aberrant conduction and pediatric rhythms.

This practical handbook allows nurses, advanced practice nurses, physician assistants, and allied health professionals practicing in the fields of neurosurgery, neurology, and spinal care to quickly review essentials while in the work environment. It emphasizes procedural steps and critical elements in patient management, including intensive care, the neurological examination, differential diagnoses, and pain management. Written by a multidisciplinary team of experts, the handbook is expected to become a well-worn companion and essential aid to the busy practitioner.

A must-have study guide for exam 640-911 on Cisco's UnifiedData Center The Cisco Certified

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Network Associate Data Center certification is Cisco's newest certification, covering the Cisco Unified DataCenter technologies. Written by unparalleled author and Cisco authority Todd Lammle, and CCIE John Swartz, this comprehensive study guide is essential reading for anyone preparing to take the 640-911 exam (Introducing Cisco Data Center Networking), providing in-depth coverage of all the exam's objectives. In addition, it offers expanded coverage on key topics reflected on the exam. Addresses understanding basic networking and ethernet technologies Reviews the OSI and DoD model and TCP/IP Transport Layer Covers basic IP routing technologies, layer 2 switching technologies, and routing principles Provides an introduction to Nexus switch as well as how to configure it CCNA Data Center Study Guide offers you access to additional study tools, including bonus practice exams, electronic flashcards, a searchable PDF of a glossary of terms. Plus, you will be able to use the free nexus simulator to perform all the hands-on labs in the book.

CLS Review Made Incredibly Easy!® gives you the confidence you need to pass the ACLS certification exam as well as the knowledge and skills needed to perform advanced cardiac life support. Packed with easy-to-remember definitions and step-by-step directions on the latest treatment algorithms, this enjoyable review text tackles required ACLS course and exam content. It is also the perfect on-the-spot clinical reference—for nurses, students, and all healthcare professionals. Be expertly guided through the latest ACLS training and exam preparation with: NEW and updated content in quick-read, bulleted format, based on current American Heart Association guidelines NEW and updated cardiovascular pharmacology content NEW and updated interventions Explains ACLS course and exam components and requirements Proven study strategies, end-of-chapter quick quizzes, and an end-of-book

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practice test Explanations of complex concepts—easy-to-retain guidance on how to recognize and treat cardiac arrhythmias, including: Classifications of interventions, including basic life support skills, adult cardiac arrest algorithm, and defibrillation Step-by-step how-tos for current treatment algorithms Managing specific rhythms—hypovolemia, hypoxia, acidosis, hypothermia, cardiac tamponade, tension pneumothorax, pulmonary coronary thrombosis, and more Dozens of colorful diagrams and illustrations outline the core concepts and skills needed for ACLS certification, including: CPR – when and how to use it Devices and procedures skills – safe ventilation techniques, including endotracheal intubation and supraglottic devices, as well as defibrillators, pacemakers, and more Early management – managing the first 30 minutes of cardiac emergencies Emergency conditions – which cardiac rhythms may require ACLS treatment IV and invasive techniques – such as peripheral and central IV line insertion Pharmacology – knowing the action, indication, dosages, and precautions for the major drugs used during ACLS Special features that include: Just the facts – quick summary of each chapter’s content o “Nurse Joy” and “Nurse Jake” – expert insights on interventions and problem-solving Quick quiz – multiple-choice questions after each chapter to help you retain knowledge o Now I get it! – real-life patient scenarios illustrating correct ACLS interventions o What to look for – tips on identifying and interpreting arrhythmias. About the Clinical Editor Kate Stout, RN, MSN, is a Critical Care Charge RN at Southern Hills Hospital in Las Vegas, Nevada.

Opera has always been a vital and complex mixture of commercial and aesthetic concerns, of bourgeois politics and elite privilege. In its long heyday in the eighteenth and nineteenth centuries, it came to occupy a special place not only among the arts but in urban planning, too

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this is, perhaps surprisingly, often still the case. The Oxford Handbook of the Operatic Canon examines how opera has become the concrete edifice it was never meant to be, by tracing its evolution from a market entirely driven by novelty to one of the most canonic art forms still in existence. Throughout the book, a lively assembly of musicologists, historians, and industry professionals tackle key questions of opera's past, present, and future. Why did its canon evolve so differently from that of concert music? Why do its top ten titles, all more than a century old, now account for nearly a quarter of all performances worldwide? Why is this system of production becoming still more top-heavy, even while the repertory seemingly expands, notably to include early music? Topics range from the seventeenth century to the present day, from Russia to England and continental Europe to the Americas. To reflect the contested nature of many of them, each is addressed in paired chapters. These complement each other in different ways: by treating the same geographical location in different periods, by providing different national or regional perspectives on the same period, or by thinking through similar conceptual issues in contrasting or changing contexts. Posing its questions in fresh, provocative terms, The Oxford Handbook of the Operatic Canon challenges scholarly assumptions in music and cultural history, and reinvigorates the dialogue with an industry that is, despite everything, still growing.

An examination of the uses of data within a changing knowledge infrastructure, offering analysis and case studies from the sciences, social sciences, and humanities. "Big Data" is on the covers of Science, Nature, the Economist, and Wired magazines, on the front pages of the Wall Street Journal and the New York Times. But despite the media hyperbole, as Christine Borgman points out in this examination of data and scholarly research, having the right data is

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usually better than having more data; little data can be just as valuable as big data. In many cases, there are no data—because relevant data don't exist, cannot be found, or are not available. Moreover, data sharing is difficult, incentives to do so are minimal, and data practices vary widely across disciplines. Borgman, an often-cited authority on scholarly communication, argues that data have no value or meaning in isolation; they exist within a knowledge infrastructure—an ecology of people, practices, technologies, institutions, material objects, and relationships. After laying out the premises of her investigation—six “provocations” meant to inspire discussion about the uses of data in scholarship—Borgman offers case studies of data practices in the sciences, the social sciences, and the humanities, and then considers the implications of her findings for scholarly practice and research policy. To manage and exploit data over the long term, Borgman argues, requires massive investment in knowledge infrastructures; at stake is the future of scholarship.

This book is a collection of annual reports on the status of US Fisheries to Congress for the period of 1997-2013 written by NOAA Fisheries (<http://www.nmfs.noaa.gov>).

This book presents a comprehensive review of nuclear cardiology principles and concepts necessary to pass the Nuclear Cardiology Technology Specialty Examination. The practice questions are similar in format and content to those found on the Nuclear Medicine Technology Certification Board (NMTCB) and American Registry of Radiological Technologists (ARRT) examinations, allowing test takers to maximize their chances of success. The book is organized by test sections of increasing difficulty, with over 600 multiple-choice questions covering all areas of nuclear cardiology, including radionuclides, instrumentation, radiation safety, patient care, and diagnostic and therapeutic procedures. Detailed answers and

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explanations to the practice questions follow. It also includes helpful test-taking tips. Supplementary appendices include commonly used abbreviations and symbols in nuclear medicine, glossary of cardiology terms, and useful websites. Nuclear Cardiology Study Guide is a valuable reference for nuclear medicine technologists, nuclear medicine physicians, and all other imaging professionals in need of a concise review of nuclear cardiology.

The 2012 American Jewish Year Book, “The Annual Record of American Jewish Civilization,” contains major chapters on Jewish secularism (Barry Kosmin and Ariela Keysar), Canadian Jewry (Morton Weinfeld, David Koffman, and Randal Schnoor), national affairs (Ethan Felson), Jewish communal affairs (Lawrence Grossman), Jewish population in the United States (Ira Sheskin and Arnold Dashefsky), and World Jewish population (Sergio DellaPergola). These chapters provide insight into major trends in the North American and world Jewish community. The volume also acts as a resource for the American Jewish community and for academics studying that community by supplying obituaries and lists of Jewish Federations, Jewish Community Centers, national Jewish organizations, Jewish overnight camps, Jewish museums, Holocaust museums, local and national Jewish periodicals, Jewish honorees, major recent events in the American Jewish community, and academic journals, articles, websites, and books. The volume should prove useful to social scientists and historians of the American Jewish community, Jewish communal workers, the press, and others interested in American and Canadian Jews.?

GUIDE TO WIRELESS COMMUNICATIONS, 3rd Edition is designed for an entry level course in wireless data communications. The text covers the fundamentals wireless communications and provides an overview of protocols, transmission methods, and IEEE standards. GUIDE TO

WIRELESS COMMUNICATIONS, 3rd Edition examines the broad range of wireless communications technologies available beginning with the basics of radio frequency and wireless data transmission and progressing to the protocols and mechanisms that every wireless network technician should understand. Key topics cover several technologies for Wireless Personal Area Networks (WPANs), Wireless Local Area Networks (WLANs), Wireless Metropolitan Area Networks (WMANs), and Wireless Wide Area Networks (WWANs) giving an overview of the most current cellular and satellite communications. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Product 15-1064

Technology is changing the practice of healthcare by the ways medical information is stored, shared, and accessed. With mobile innovations, new strategies are unfolding to further advance processes and procedures in medical settings. Next-Generation Mobile and Pervasive Healthcare Solutions is an advanced reference source for the latest research on emerging progress and applications within mobile health initiatives and health informatics. Featuring coverage on a broad range of topics and perspectives such as electronic health records (EHR), clinical decision support systems, and medical ontologies, this publication is ideally designed for professionals and researchers seeking scholarly material on the increased use of mobile health applications.

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