

Nsc Accounting March Test 2014 Memo And Question Paper

Armageddon and Paranoia Following the Leader Introduction to Interval Analysis How People Learn II Practical Guide to Negotiating in the Military Kurzban's Immigration Law Sourcebook Study and Master Mathematics Grade 11 CAPS Study Guide The Work Ahead Sustainable Security The National Security Enterprise Health Care for Veterans Malawi Lessons Encountered Guide for All-Hazard Emergency Operations Planning Accounting, Grade 11 Tut, Tut #6 National Strategy for Pandemic Influenza Debate Over Selected Presidential Assistants and Advisors China/Taiwan The Winning Weapon The Senate Intelligence Committee Report on Torture (Academic Edition) Introduction to Mediation, Moderation, and Conditional Process Analysis, Second Edition CK-12 Middle School Math Grade 6, Volume 1 Of 2 Study and Master Life Sciences Grade 12 CAPS Study Guide Global Health and the Future Role of the United States Othello Cost, Effectiveness, and Deployment of Fuel Economy Technologies for Light-Duty Vehicles Entrepreneurship and Social Change Nursing Quality Indicators The Next Arms Race Undaunted Blinders, Blunders, and Wars Field Book for Describing and Sampling Soils U.S. Sanctions on Russia Selling Reagan's Foreign Policy Lessons Learned from the Fukushima Nuclear Accident for Improving Safety of U.S. Nuclear Plants Dark Sun The 9/11 Commission Report Drum Taiwan

Armageddon and Paranoia

Study & Master Accounting Grade 11 has been especially developed by an experienced author team according to the Curriculum and Assessment Policy Statement (CAPS). The comprehensive Learner's Book includes: * case studies which deal with issues related to the real world, and move learners beyond the confines of the classroom * margin notes to assist learners with new concepts - especially GAAP flashes, that give learners guidance on General Accepted Accounting Practice * examples with solutions after the introduction of each new concept. The Teacher's File includes: * a daily teaching plan, divided into the four terms, that guides the teacher on what to teach per day and per week * moderation templates to assist teachers with assessment * solutions to all the activities in the Learner's Book. The CD-Rom with a PowerPoint presentation includes: * interactive examples to explain new concepts * links to all solutions to activities and assessments in the Learner's Book

Following the Leader

Introduction to Interval Analysis

Former British Ambassador to the Soviet Union and author of the definitive account of the Soviet invasion and occupation of Afghanistan, Sir Rodric Braithwaite offers here a tour d'horizon of nuclear policy from the end of World War II and start of the Cold War to the present day. Armageddon and Paranoia unfolds the full history of nuclear weapons that began with the arms race between the United States and the

Soviet Union and now extends worldwide. For decades, an apocalypse seemed imminent, staved off only by the certainty that if one side launched these missiles the other would launch an equally catastrophic counterstrike. This method of avoiding all-out nuclear warfare was called "Deterrence," a policy of Mutually Assured Destruction (MAD). Still, though neither side actively wanted to plunge the world into nuclear wasteland, the possibility of war by misjudgment or mistake meant fears could never be entirely assuaged. Both an exploration of Deterrence and the long history of superpower nuclear policy, *Armageddon and Paranoia* comes at a time when tensions surrounding nuclear armament have begun mounting once more. No book until this one has offered so comprehensive a history of the topic that has guided--at times dominated--the world in which we live.

How People Learn II

While much progress has been made on achieving the Millenium Development Goals over the last decade, the number and complexity of global health challenges has persisted. Growing forces for globalization have increased the interconnectedness of the world and our interdependency on other countries, economies, and cultures. Monumental growth in international travel and trade have brought improved access to goods and services for many, but also carry ongoing and ever-present threats of zoonotic spillover and infectious disease outbreaks that threaten all. *Global Health and the Future Role of the United States* identifies global health priorities in light of current and emerging world threats. This report assesses the current global health landscape and how challenges, actions, and players have evolved over the last decade across a wide range of issues, and provides recommendations on how to increase responsiveness, coordination, and efficiency -- both within the U.S. government and across the global health field.

Practical Guide to Negotiating in the Military

With most of the world's advanced economies now stuck in recession; Western support for defense cuts and nuclear disarmament increasing; and a major emerging Asian power at odds with its neighbors and the United States; it is tempting to think our times are about to rhyme with a decade of similar woes—the disorderly 1930s. Might we again be drifting toward some new form of mortal national combat? Or, will our future more likely ape the near-half-century that defined the Cold War—a period in which tensions between competing states ebbed and flowed but peace mostly prevailed by dint of nuclear mutual fear and loathing? The short answer is, nobody knows. This much, however, is clear: The strategic military competitions of the next 2 decades will be unlike any the world has yet seen. Assuming U.S., Chinese, Russian, Israeli, Indian, French, British, and Pakistani strategic forces continue to be modernized and America and Russia continue to reduce their strategic nuclear deployments, the next arms race will be run by a much larger number of contestants—with highly destructive strategic capabilities far more closely matched and capable of being quickly enlarged than in any other previous period in history.

Kurzban's Immigration Law Sourcebook

Despite apparently consistent statements in 4 decades, the U.S. "one China" policy concerning Taiwan remains somewhat ambiguous and subject to different interpretations. Apart from questions about what the "one China" policy entails, issues have arisen about whether U.S. Presidents have stated clear positions and have changed or should change policy, affecting U.S. interests in security and democracy. Contents of this report: (1) U.S. Policy on "One China": Has U.S. Policy Changed?; Overview of Policy Issues; (2) Highlights of Key Statements by Washington, Beijing, and Taipei: Statements During the Admin. of Nixon, Ford, Carter, Reagan, George H. W. Bush, Clinton, George W. Bush, Clinton, and Obama. A print on demand report.

Study and Master Mathematics Grade 11 CAPS Study Guide

Provides the final report of the 9/11 Commission detailing their findings on the September 11 terrorist attacks.

The Work Ahead

Sustainable Security

This report discusses U.S. security assistance to Taiwan, or Republic of China (ROC), including policy issues for Congress and legislation. Congress has oversight of the Taiwan Relations Act, P.L. 96-8, which has governed arms sales to Taiwan since 1979, when the United States recognized the People's Republic of China (PRC) instead of the ROC. Two other relevant parts of the "one China" policy are the August 17, 1982, U.S.-PRC Joint Communiqué and the "Six Assurances" to Taiwan. U.S. arms sales to Taiwan have been significant. The United States also has expanded military ties with Taiwan after the PRC's missile firings in 1995-1996. However, there is no defense treaty with Taiwan. Charts and tables.

The National Security Enterprise

****THE INSTANT NEW YORK TIMES BESTSELLER**** "John Brennan is one of the hardest-working, most patriotic public servants I've ever seen, and our country is better off for it. As president, he was one of my closest advisors and a great friend. And in his memoir, *Undaunted*, you'll see why. I hope you'll read it." —President Barack Obama A powerful and revelatory memoir from former CIA director John Brennan, spanning his more than thirty years in government. Friday, January 6, 2017: On that day, as always, John Brennan's alarm clock was set to go off at 4:15 a.m. But nothing else about that day would be routine. That day marked his first and only security briefing with President-elect Donald Trump. And it was also the day John Brennan said his final farewell to Owen Brennan, his father, the man who had taught him the lessons of goodness, integrity, and honor that had shaped the course of an unparalleled career serving his country from within the intelligence community. In this brutally honest memoir, Brennan, the son of an Irish immigrant who settled in New Jersey, describes the life that took him from being a young CIA

recruit enamored with the mystique of spy work, secretly defiant enough to drive a motorcycle and sport a diamond earring, and invigorated by his travels in the Middle East to being the most powerful individual in American intelligence. He details his experiences with very different presidents and what it's been like to bear responsibility for some of the nation's most crucial and polarizing national security decisions. He pulls back the curtain on the inner workings of the Agency, describing the selfless, patriotic, and invisible work of the women and men involved in national security. He also examines the insularity, arrogance, and myopia that have, at times, undermined its reputation in the eyes of the American people and of members of other branches of government. Through topics ranging from George W. Bush's intervention in Iraq to his thoughts on the CIA's controversial use of enhanced interrogation techniques to his eye-opening account of the planning of the raid that resulted in Bin Ladin's death to his realization that Russia had interfered with the 2016 election, Brennan brings the reader behind the scenes of some of the most crucial moments in recent U.S. history. He also candidly discusses the times he has failed to live up to his own high standards and the very public fallouts that have resulted. With its behind-the-scenes look at how major U.S. national security policies and actions unfolded during his long and distinguished career—especially during his eight years in the Obama administration—John Brennan's memoir is a work of history with strong implications for the future of America and our country's relationships with other world powers. *Undaunted: My Fight Against America's Enemies, at Home and Abroad* offers a rare and insightful look at the often-observed world of national security, the intelligence profession, and Washington's chaotic political environment. But more than that, it is a portrait of a man striving for integrity; for himself, for the CIA, and for his country.

Health Care for Veterans

"A Practical Guide to Negotiating in the Military, 3rd edition outlines and provides frameworks for assessing and using five essential negotiating strategies tailored to the military environment. It includes applications to enhance the readers' understanding of these five strategies, properly evaluate situations, and select the most appropriate strategy"--Provided by publisher.

Malawi

Lessons Encountered

Sanctions are a central element of U.S. policy to counter and deter malign Russian behavior. The United States has imposed sanctions on Russia mainly in response to Russia's 2014 invasion of Ukraine, to reverse and deter further Russian aggression in Ukraine, and to deter Russian aggression against other countries. The United States also has imposed sanctions on Russia in response to (and to deter) election interference and other malicious cyber-enabled activities, human rights abuses, the use of a chemical weapon, weapons proliferation, illicit trade with North Korea, and support to Syria and Venezuela. Most Members of Congress support a robust use of sanctions amid concerns about Russia's international behavior and

geostrategic intentions. The United States established sanctions related to Russia's invasion of Ukraine largely in coordination with the European Union (EU). Since 2017, the efforts of Congress and the Trump Administration to tighten sanctions on Russia have prompted some concern in the EU about U.S. commitment to sanctions coordination and U.S.-EU cooperation on Russia and Ukraine more broadly. Many in the EU oppose the United States' use of secondary sanctions, including sanctions aimed at curbing Russian energy export pipelines to Europe, such as Nord Stream 2. In terms of economic impact, studies suggest that sanctions have had a negative but relatively modest impact on Russia's growth. Changes in world oil prices have had a much greater impact on the Russian economy. After oil prices rose in 2016, Russia's economy began to strengthen even as sanctions remained in place and, in some instances, were tightened. The Obama Administration and the EU designed sanctions related to Russia's invasion of Ukraine, in part, to impose longer-term pressures on Russia's economy while minimizing collateral damage to the Russian people and to the economic interests of the countries imposing sanctions. Debates about the effectiveness of sanctions against Russia continue in Congress, in the Administration, and among other stakeholders. Russia has not reversed its occupation and annexation of Ukraine's Crimea region, nor has it stopped sustaining separatist regimes in eastern Ukraine. In 2018, it extended its military operations against Ukraine to nearby waters. At the same time, Russia has not expanded its land-based operations in Ukraine, and Moscow participates in a conflict resolution process that formally recognizes Ukraine's sovereignty over Russia-controlled areas in eastern Ukraine. With respect to other malign activities, the relationship between sanctions and changes in Russian behavior is difficult to determine. Nonetheless, many observers argue that sanctions help restrain Russia or that their imposition is an appropriate foreign policy response regardless of immediate effect.

Guide for All-Hazard Emergency Operations Planning

There are many reasons to be curious about the way people learn, and the past several decades have seen an explosion of research that has important implications for individual learning, schooling, workforce training, and policy. In 2000, *How People Learn: Brain, Mind, Experience, and School: Expanded Edition* was published and its influence has been wide and deep. The report summarized insights on the nature of learning in school-aged children; described principles for the design of effective learning environments; and provided examples of how that could be implemented in the classroom. Since then, researchers have continued to investigate the nature of learning and have generated new findings related to the neurological processes involved in learning, individual and cultural variability related to learning, and educational technologies. In addition to expanding scientific understanding of the mechanisms of learning and how the brain adapts throughout the lifespan, there have been important discoveries about influences on learning, particularly sociocultural factors and the structure of learning environments. *How People Learn II: Learners, Contexts, and Cultures* provides a much-needed update incorporating insights gained from this research over the past decade. The book expands on the foundation laid out in the 2000 report and takes an in-depth look at the constellation of influences that affect individual learning. *How People Learn II* will become an indispensable resource to understand learning throughout the lifespan for educators of students and adults.

Accounting, Grade 11

The study edition of book the Los Angeles Times called, "The most extensive review of U.S. intelligence-gathering tactics in generations." This is the complete Executive Summary of the Senate Intelligence Committee's investigation into the CIA's interrogation and detention programs -- a.k.a., The Torture Report. Based on over six million pages of secret CIA documents, the report details a covert program of secret prisons, prisoner deaths, interrogation practices, and cooperation with other foreign and domestic agencies, as well as the CIA's efforts to hide the details of the program from the White House, the Department of Justice, the Congress, and the American people. Over five years in the making, it is presented here exactly as redacted and released by the United States government on December 9, 2014, with an introduction by Daniel J. Jones, who led the Senate investigation. This special edition includes:

- Large, easy-to-read format.
- Almost 3,000 notes formatted as footnotes, exactly as they appeared in the original report. This allows readers to see obscured or clarifying details as they read the main text.
- An introduction by Senate staffer Daniel J. Jones who led the investigation and wrote the report for the Senate Intelligence Committee, and a forward by the head of that committee, Senator Dianne Feinstein.

Tut, Tut #6

National Strategy for Pandemic Influenza

Kane presents a critical study of the Reagan administration's public communication efforts to sell the president's controversial foreign policy initiatives to the public and congress. Kane challenges existing scholarship on Reagan's communication and leadership to demonstrate the executive bargaining model and public diplomacy regime failed.

Debate Over Selected Presidential Assistants and Advisors

The world is in the midst of a transformation in the nature of work, as smart machines, artificial intelligence, new technologies, and global competition remake how people do their jobs and pursue their careers. The Work Ahead focuses on how to rebuild the links among work, opportunity, and economic security for all Americans.

China/Taiwan

The March 11, 2011, Great East Japan Earthquake and tsunami sparked a humanitarian disaster in northeastern Japan. They were responsible for more than 15,900 deaths and 2,600 missing persons as well as physical infrastructure damages exceeding \$200 billion. The earthquake and tsunami also initiated a severe nuclear accident at the Fukushima Daiichi Nuclear Power Station. Three of the six reactors at the plant sustained severe core damage and released hydrogen and radioactive materials. Explosion of the released hydrogen damaged three reactor buildings and impeded onsite emergency response efforts. The accident

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prompted widespread evacuations of local populations, large economic losses, and the eventual shutdown of all nuclear power plants in Japan. "Lessons Learned from the Fukushima Nuclear Accident for Improving Safety and Security of U.S. Nuclear Plants" is a study of the Fukushima Daiichi accident. This report examines the causes of the crisis, the performance of safety systems at the plant, and the responses of its operators following the earthquake and tsunami. The report then considers the lessons that can be learned and their implications for U.S. safety and storage of spent nuclear fuel and high-level waste, commercial nuclear reactor safety and security regulations, and design improvements. "Lessons Learned" makes recommendations to improve plant systems, resources, and operator training to enable effective ad hoc responses to severe accidents. This report's recommendations to incorporate modern risk concepts into safety regulations and improve the nuclear safety culture will help the industry prepare for events that could challenge the design of plant structures and lead to a loss of critical safety functions. In providing a broad-scope, high-level examination of the accident, "Lessons Learned" is meant to complement earlier evaluations by industry and regulators. This in-depth review will be an essential resource for the nuclear power industry, policy makers, and anyone interested in the state of U.S. preparedness and response in the face of crisis situations.

The Winning Weapon

The Senate Intelligence Committee Report on Torture (Academic Edition)

CK-12's Middle School Math Grade 6 covers the fundamentals of fractions, decimals, and geometry. Also explored are units of measurement, graphing concepts, and strategies for utilizing the book's content in practical situations. Volume 1 includes the first 6 chapters.

Introduction to Mediation, Moderation, and Conditional Process Analysis, Second Edition

CK-12 Middle School Math Grade 6, Volume 1 Of 2

Everyone's favorite time-travelers are changing their styles! The Time Warp Trio series now features a brand-new, eye-catching design, sure to appeal to longtime fans, and those new to Jon Scieszka's wacky brand of humor.

Study and Master Life Sciences Grade 12 CAPS Study Guide

Here, for the first time, in a brilliant, panoramic portrait by the Pulitzer Prize-winning author of *The Making of the Atomic Bomb*, is the definitive, often shocking story of the politics and the science behind the development of the hydrogen bomb and the birth of the Cold War. Based on secret files in the United States and the former Soviet Union, this monumental work of history discloses how and why the United States decided to create the bomb that would dominate world politics for

more than forty years.

Global Health and the Future Role of the United States

An update on the author's previous books, this introduction to interval analysis provides an introduction to INTLAB, a high-quality, comprehensive MATLAB toolbox for interval computations, making this the first interval analysis book that does with INTLAB what general numerical analysis texts do with MATLAB.

Othello

Othello, The Moor of Venice is a tragedy by William Shakespeare based on the short story "Moor of Venice" by Cinthio, believed to have been written in approximately 1603. The work revolves around four central characters: Othello, his wife Desdemona, his lieutenant Cassio, and his trusted advisor Iago. Attesting to its enduring popularity, the play appeared in 7 editions between 1622 and 1705. Because of its varied themes - racism, love, jealousy and betrayal - it remains relevant to the present day and is often performed in professional and community theatres alike. The play has also been the basis for numerous operatic, film and literary adaptations.

Cost, Effectiveness, and Deployment of Fuel Economy Technologies for Light-Duty Vehicles

Meant to aid State & local emergency managers in their efforts to develop & maintain a viable all-hazard emergency operations plan. This guide clarifies the preparedness, response, & short-term recovery planning elements that warrant inclusion in emergency operations plans. It offers the best judgment & recommendations on how to deal with the entire planning process -- from forming a planning team to writing the plan. Specific topics of discussion include: preliminary considerations, the planning process, emergency operations plan format, basic plan content, functional annex content, hazard-unique planning, & linking Federal & State operations.

Entrepreneurship and Social Change

Lauded for its easy-to-understand, conversational discussion of the fundamentals of mediation, moderation, and conditional process analysis, this book has been fully revised with 50% new content, including sections on working with multicategorical antecedent variables, the use of PROCESS version 3 for SPSS and SAS for model estimation, and annotated PROCESS v3 outputs. Using the principles of ordinary least squares regression, Andrew F. Hayes carefully explains procedures for testing hypotheses about the conditions under and the mechanisms by which causal effects operate, as well as the moderation of such mechanisms. Hayes shows how to estimate and interpret direct, indirect, and conditional effects; probe and visualize interactions; test questions about moderated mediation; and report different types of analyses. Data for all the examples are available on the companion website (www.afhayes.com), along with links to download PROCESS. New to This Edition *Chapters on using each type of analysis with multicategorical

antecedent variables. *Example analyses using PROCESS v3, with annotated outputs throughout the book. *More tips and advice, including new or revised discussions of formally testing moderation of a mechanism using the index of moderated mediation; effect size in mediation analysis; comparing conditional effects in models with more than one moderator; using R code for visualizing interactions; distinguishing between testing interaction and probing it; and more. *Rewritten Appendix A, which provides the only documentation of PROCESS v3, including 13 new preprogrammed models that combine moderation with serial mediation or parallel and serial mediation. *Appendix B, describing how to create customized models in PROCESS v3 or edit preprogrammed models.

Nursing Quality Indicators

This volume represents an early attempt at assessing the Long War, now in its 14th year. Forged in the fires of the 9/11 attacks, the war includes campaigns against al Qaeda, major conflicts in Iraq and Afghanistan, and operations in the Horn of Africa, the Republic of the Philippines, and globally, in the air and on the sea. The authors herein treat only the campaigns in Afghanistan and Iraq, the largest U.S. efforts. It is intended for future senior officers, their advisors, and other national security decisionmakers. By derivation, it is also a book for students in joint professional military education courses, which will qualify them to work in the field of strategy. While the book tends to focus on strategic decisions and developments of land wars among the people, it acknowledges that the status of the United States as a great power and the strength of its ground forces depend in large measure on the dominance of the U.S. Navy and U.S. Air Force in their respective domains.

The Next Arms Race

This second edition of *The National Security Enterprise* provides practitioners' insights into the operation, missions, and organizational cultures of the principal national security agencies and other institutions that shape the US national security decision-making process. Unlike some textbooks on American foreign policy, it offers analysis from insiders who have worked at the National Security Council, the State and Defense Departments, the intelligence community, and the other critical government entities. The book explains how organizational missions and cultures create the labyrinth in which a coherent national security policy must be fashioned. Understanding and appreciating these organizations and their cultures is essential for formulating and implementing it. Taking into account the changes introduced by the Obama administration, the second edition includes four new or entirely revised chapters (Congress, Department of Homeland Security, Treasury, and USAID) and updates to the text throughout. It covers changes instituted since the first edition was published in 2011, implications of the government campaign to prosecute leaks, and lessons learned from more than a decade of war in Afghanistan and Iraq. This up-to-date book will appeal to students of US national security and foreign policy as well as career policymakers.

Undaunted

With unique access to Chinese leaders at all levels of the party and government, best-selling author David M. Lampton tells the story of China's political elites from their own perspectives. Based on over five hundred interviews, *Following the Leader* offers a rare glimpse into how the attitudes and ideas of those at the top have evolved over the past four decades. Here China's rulers explain their strategies and ideas for moving the nation forward, share their reflections on matters of leadership and policy, and discuss the challenges that keep them awake at night. As the Chinese Communist Party installs its new president, Xi Jinping, for a presumably ten-year term, questions abound. How will the country move forward as its explosive rate of economic growth begins to slow? How does it plan to deal with domestic and international calls for political reform and to cope with an aging population, not to mention an increasingly fragmented bureaucracy and society? In this insightful book we learn how China's leaders see the nation's political future, as well as about its global strategic influence.

Blinders, Blunders, and Wars

The history of wars caused by misjudgments, from Napoleon's invasion of Russia to America's invasion of Iraq, reveals that leaders relied on cognitive models that were seriously at odds with objective reality. *Blinders, Blunders, and Wars* analyzes eight historical examples of strategic blunders regarding war and peace and four examples of decisions that turned out well, and then applies those lessons to the current Sino-American case.

Field Book for Describing and Sampling Soils

Malawi's economic growth remains moderate, reflecting a weak agricultural harvest and continued electricity shortages. Fiscal deficits continue to be financed domestically, as donor funding remains constrained by governance concerns since the 2013 cashgate scandal, resulting in an increasing public debt burden. Presidential elections are scheduled for mid-2019. Program performance. Most quantitative performance criteria (QPC) were met at end-June 2018, with significant overperformance on international reserves and the reduction in Reserve Bank of Malawi (RBM) holdings of government securities. The QPC on the primary fiscal balance was missed by 0.9 percent of GDP due to expenditure overruns. The continuous QPC on new non-concessional external debt was missed due to a technical oversight in the Technical Memorandum of Understanding. Based on corrective measures, the authorities request waivers of non-observance. Two structural benchmarks were observed and most of the rest have been completed with delay.

U.S. Sanctions on Russia

This book makes clear how, and why, after World War II American diplomats tried to make the atom bomb a winning weapon," an absolute advantage in negotiations with the Soviet Union. But this policy failed utterly in the 1948 Berlin crisis, and at home the State Department opposed those scientists who advocated international cooperation on nuclear matters. Originally published in 1988. The Princeton Legacy Library uses the latest print-on-demand technology to again make available

previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

Selling Reagan's Foreign Policy

Lessons Learned from the Fukushima Nuclear Accident for Improving Safety of U.S. Nuclear Plants

Dark Sun

The Veterans Health Administration (VHA), within the Department of Veterans Affairs (VA), operates one of the nation's largest integrated health care delivery systems. The VHA estimates that, in FY2020, it would provide care to about 6.29 million unique veteran patients. VA health care is a discretionary program; therefore, the provision of health care is dependent on available appropriations. Not every veteran is automatically entitled to medical care from the VA. Veterans must meet basic eligibility requirements for enrollment. This book covers: Eligibility and Enrollment; Medical Benefits; Cost to Veterans; Insurance Coverage.

The 9/11 Commission Report

The light-duty vehicle fleet is expected to undergo substantial technological changes over the next several decades. New powertrain designs, alternative fuels, advanced materials and significant changes to the vehicle body are being driven by increasingly stringent fuel economy and greenhouse gas emission standards. By the end of the next decade, cars and light-duty trucks will be more fuel efficient, weigh less, emit less air pollutants, have more safety features, and will be more expensive to purchase relative to current vehicles. Though the gasoline-powered spark ignition engine will continue to be the dominant powertrain configuration even through 2030, such vehicles will be equipped with advanced technologies, materials, electronics and controls, and aerodynamics. And by 2030, the deployment of alternative methods to propel and fuel vehicles and alternative modes of transportation, including autonomous vehicles, will be well underway. What are these new technologies - how will they work, and will some technologies be more effective than others? Written to inform The United States Department of Transportation's National Highway Traffic Safety Administration (NHTSA) and Environmental Protection Agency (EPA) Corporate Average Fuel Economy (CAFE) and greenhouse gas (GHG) emission standards, this new report from the National Research Council is a technical evaluation of costs, benefits, and implementation issues of fuel reduction technologies for next-generation light-duty vehicles. Cost, Effectiveness, and Deployment of Fuel Economy Technologies for Light-Duty Vehicles estimates the cost, potential efficiency improvements, and barriers to commercial deployment of technologies that might be employed from 2020 to

2030. This report describes these promising technologies and makes recommendations for their inclusion on the list of technologies applicable for the 2017-2025 CAFE standards.

Drum

As the world shifts away from the unquestioned American hegemony that followed in the wake of the Cold War, the United States is likely to face new kinds of threats and sharper resource constraints than it has in the past. However, the country's alliances, military institutions, and national security strategy have changed little since the Cold War. American foreign and defense policies, therefore, should be assessed for their fitness for achieving sustainable national security amidst the dynamism of the international political economy, changing domestic politics, and even a changing climate. This book brings together sixteen leading scholars from across political science, history, and political economy to highlight a range of American security considerations that deserve a larger role in both scholarship and strategic decision-making. In these chapters, scholars of political economy and the American defense budget examine the economic engine that underlies U.S. military might and the ways the country deploys these vast (but finite) resources. Historians illuminate how past great powers coped with changing international orders through strategic and institutional innovations. And regional experts assess America's current long-term engagements, from NATO to the chaos of the Middle East to the web of alliances in Asia, deepening understandings that help guard against both costly commitments and short-sighted retrenchments. This interdisciplinary volume sets an agenda for future scholarship that links politics, economics, and history in pursuit of sustainable security for the United States - and greater peace and stability for Americans and non-Americans alike.

Taiwan

Are some of Pres. Obama's appointments (particularly some of those to the White House Office), made outside of the advice and consent process of the Senate, circumvent the Constitution? Are the activities of such appointees subject to oversight by, and accountable to, Congress? This report provides info. and views on the role of some of these appointees and discusses selected appointments in the Obama Admin. It discusses some of the constitutional concerns that have been raised about presidential advisors. These include, for ex., the kinds of positions that qualify as the type that must be filled in accordance with the Appointments Clause, with a focus on examining a few existing positions established by statute, exec. order, and regulation.

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