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KEY=2012 - ALEXIS BARNETT

Agricultural Science A Junior Secondary Course for the Caribbean This three-part course takes into account recent changes and provides a base for the CXC examination. **Linear Models in Statistics** *John Wiley & Sons* The essential introduction to the theory and application of linear models—now in a valuable new edition Since most advanced statistical tools are generalizations of the linear model, it is necessary to first master the linear model in order to move forward to more advanced concepts. The linear model remains the main tool of the applied statistician and is central to the training of any statistician regardless of whether the focus is applied or theoretical. This completely revised and updated new edition successfully develops the basic theory of linear models for regression, analysis of variance, analysis of covariance, and linear mixed models. Recent advances in the methodology related to linear mixed models, generalized linear models, and the Bayesian linear model are also addressed. **Linear Models in Statistics, Second Edition** includes full coverage of advanced topics, such as mixed and generalized linear models, Bayesian linear models, two-way models with empty cells, geometry of least squares, vector-matrix calculus, simultaneous inference, and logistic and nonlinear regression. Algebraic, geometrical, frequentist, and Bayesian approaches to both the inference of linear models and the analysis of variance are also illustrated. Through the expansion of relevant material and the inclusion of the latest technological developments in the field, this book provides readers with the theoretical foundation to correctly interpret computer software output as well as effectively use, customize, and understand linear models. This modern Second Edition features: New chapters on Bayesian linear models as well as random and mixed linear models Expanded discussion of two-way models with empty cells Additional sections on the geometry of least squares Updated coverage of simultaneous inference The book is complemented with easy-to-read proofs, real data sets, and an extensive bibliography. A thorough review of the requisite matrix algebra has been added for transitional purposes, and numerous theoretical and applied problems have been incorporated with selected answers provided at the end of the book. A related Web site includes additional data sets and SAS® code for all numerical examples. **Linear Model in Statistics, Second Edition** is a must-have book for courses in statistics, biostatistics, and mathematics at the upper-undergraduate and graduate levels. It is also an invaluable reference for researchers who need to gain a better understanding of regression and analysis of variance. **History of Worcestershire Sauce (1837-2012)** *Soyinfo Center* **Agriculture Digitalization and Organic Production** Proceedings of the First International Conference, ADOP 2021, St. Petersburg, Russia, June 7-9, 2021 *Springer Nature* This book features selected papers presented at the First International Conference on Agriculture Digitalization and Organic Production (ADOP 2021), held in St. Petersburg, Russia, on June 07-09, 2021. The contributions, written by professionals, researchers and students, cover topics in the field of agriculture, biology, robotics, information technology and economics for solving urgent problems in digitalization of organic livestock and crop production. The conference is organized by the St. Petersburg Federal Research Center of the Russian Academy of Sciences (SPC RAS) and the Technische Universitat Kaiserslautern. The book will be useful to researchers of interdisciplinary issues of digitalization and robotization of agricultural production, as well as farmers and commercial companies, which introduce new technologies in crop production and animal husbandry. The book also covers a range of issues related to scientific training of graduate students in the areas of "Mechatronics and robotics", "Control in technical systems" and "Technologies, means mechanization and energy equipment in rural, forestry and fisheries". **Shaping the future we want UN Decade of Education for Sustainable Development; final report UNESCO Integrated Science for CSEC®** *Oxford University Press - Children* Written specifically for use in Caribbean schools, this course is tailored to the requirements of Integrated Science students and the latest CSEC syllabus by providing course contents in a clear, concise and accessible way. It now features newly added digital resources and increased SBA guidance, to help engage students and provide additional support as they study for their examination. **The Performance Economy** *Springer* This updated and revised edition outlines strategies and models for how to use technology and knowledge to improve performance, create jobs and increase income. It shows what skills will be required to produce, sell and manage performance over time, and how manual jobs can contribute to reduce the consumption of non-renewable resources. **Environmentally Sustainable Livestock Production** *MDPI* This book is a printed edition of the Special Issue "Environmentally Sustainable Livestock Production" that was published in **Sustainability Principles of Accounts: Workbook for CSEC (R) Examinations Principles of Business for CSEC** Written by a team of experts in Caribbean business education, **Principles of Business for CSEC(R)** engages students with the fundamental concepts of business, and encourages the development of their critical thinking and entrepreneurial skills. **History of Yuba - The Film That Forms Atop Heated Soymilk (1587-2012)** *Soyinfo Center* **NanoAgroceuticals & NanoPhytoChemicals** *CRC Press* This book volume encompasses the recent trends made in the applications of nanoscale tools for diverse constituents of plants and agriculture, particularly in addressing the critical issues related to their safety, efficacy, and efficient and cost-efficient development and production. **Economics for CSEC® Examinations** Suitable for students studying for CSEC examinations, this book includes features such as: written for the latest CSEC syllabus; learning objectives stated for each chapter; keywords highlighted in the margins form a glossary; and, diagrams and pictures that encourage understanding. **Critical Multicultural Analysis of Children's Literature Mirrors, Windows, and Doors** *Routledge* "Children's literature is a contested terrain, as is multicultural education. Taken together, they pose a formidable challenge to both classroom teachers and academics.... Rather than deny the inherent conflicts and tensions in the field, in **Critical Multicultural Analysis of Children's Literature: Mirrors, Windows, and Doors**, Maria José Botelho and Masha Kabakow Rudman confront, deconstruct, and reconstruct these terrains by proposing a reframing of the field.... Surely all of us - children, teachers, and academics - can benefit from this more expansive understanding of what it means to read books." **Sonia Nieto, From the Foreword** **Critical multicultural analysis** provides a philosophical shift for teaching literature, constructing curriculum, and taking up issues of diversity and social justice. It problematizes children's literature, offers a way of reading power, explores the complex web of sociopolitical relations, and deconstructs taken-for-granted assumptions about language, meaning, reading, and literature: it is literary study as sociopolitical change. **Bringing a critical lens to the study of multiculturalism in children's literature**, this book prepares teachers, teacher educators, and researchers of children's literature to analyze the ideological dimensions of reading and studying literature. Each chapter includes recommendations for classroom application, classroom research, and further reading. **Helpful end-of-book appendixes** include a list of children's book awards, lists of publishers, diagrams of the power continuum and the theoretical framework of critical multicultural analysis, and lists of selected children's literature journals and online resources. **Sustainable Food Production Practices in the Caribbean** **Sustainable Food Production Practices in the Caribbean** addresses the issue of sustainable agriculture from a practical perspective. Although the scientific and technological aspects are given attention, the authors use their accumulated research and field experiences to focus on tested, simple production systems and practices that sustain soil fertility, ecosystems and people. In so doing, they consistently advocate crop and livestock production techniques that require an agro-ecological approach, aimed at reducing the use of water, chemicals and pesticides and the preservation of the region's soils. This volume fills a void in this important area of Caribbean development: from the large scale farming organizations to the small farming communities that are the backbone of agriculture in the region; from undergraduates at the newly energized Faculty of Food and Agriculture at the University of the West Indies, St Augustine campus and other tertiary agriculture training institutions around the region to a young generation of students who now have the opportunity to sit for the new examination in Food and the Environment offered by the Caribbean Examinations Council at advanced (CAPE) certificate level. This book will also be a useful tool for agriculture extension officers and policymakers who are called upon to provide advice and leadership in the promotion of sustainable food production in the Caribbean. The 20 chapters in **Sustainable Food Production Practices** are comprehensive in their coverage of issues that go beyond primary food production to include often neglected areas such as post harvest, quality assurance, local regional and international marketing, post-production methods and systems and sustainable nutritional practices. Throughout, the emphasis is on simple, jargon-free descriptions, instructions and recommendations, supported by a variety of charts, tables and numerous full-colour photographs that richly illustrate key elements of the text. **Integrated approaches to health A handbook for the evaluation of One Health** *Wageningen Academic Publishers* **One Health** addresses health challenges arising from the intertwined spheres of humans, animals and ecosystems. This handbook is the product of an interdisciplinary effort to provide science-based guidance for the evaluation of One Health and other integrated approaches to health. It guides the reader through a systems approach and framework to evaluate such approaches in a standardised way. It provides an overview of concepts and metrics from health and life sciences, social sciences, economics, and ecology that are relevant for the evaluation of the processes involved, as well as the characterisation of expected and unexpected outcomes of One Health initiatives. Finally, the handbook provides guidance and practical protocols to help plan and implement evaluations in order to generate new insights and provide meaningful information about the value of One Health. The handbook is intended for practitioners, researchers, evaluators as well as funders of integrated approaches to health and beyond. **The Legacy of Racism for Children Psychology, Law, and Public Policy** *Oxford University Press* When children become entangled with the law, their lives can be disrupted irrevocably. When those children are underrepresented minorities, the potential for disruption is even greater. **The Legacy of Racism for Children: Psychology, Law, and Public Policy** examines issues that arise when minority children's lives are directly or indirectly influenced by law and public policy. Uniquely comprehensive in scope, this trailblazing volume offers cutting-edge chapters on the intersections of race/ethnicity within the context of child maltreatment, child dependency court, custody and adoption, familial incarceration, school discipline and the "school-to-prison pipeline," juvenile justice, police/youth interactions, and jurors' perceptions of child and adolescent victims and defendants. The book also includes chapters focused on troubling situations that are less commonly researched, but growing in importance, including the role of race and racism in child sex trafficking and US immigration law and policy. Thus, individual chapters explore myriad ways in which law and policy shape the lives of marginalized children and adolescents - racial and ethnic minorities - who historically and presently are at heightened risk for experiencing disadvantageous consequences of law and policy. In so doing, **The Legacy of Racism for Children** can help social scientists to understand and work to

prevent the perpetuation of racial discrimination in American laws and public policies. CAPE Communication Studies Develop students' communication skills, confident in the knowledge that all syllabus requirements are being met with this unique book and accompanying website package. - The organisation of the content allows students to move from the known to the unknown, facilitating a progressive approach to learning and ensuring key topics are built upon in each chapter - A dedicated assessment section assists with both the Internal Assessment portfolio and exam preparation, providing invaluable and practical support for both students and teachers alike - Exclusive online content is delivered in an engaging and interactive way to enable accessible revision of topics and to bring variety to learning with videos and quizzes "Any student who is preparing for the CAPE Communication Studies exam will find this text an asset. I can confidently say that if students follow the guidance given in this book, they will be successful." Winifred Ellis, Vice Principal of Saint Joseph High School, Guyana, and member of the subject panel for Communication Studies. As of January 2015 this and other selected titles for Caribbean schools became part of Hodder Education. Hormonally Active Agents in the Environment *National Academies Press* Some investigators have hypothesized that estrogens and other hormonally active agents found in the environment might be involved in breast cancer increases and sperm count declines in humans as well as deformities and reproductive problems seen in wildlife. This book looks in detail at the science behind the ominous prospect of "estrogen mimics" threatening health and well-being, from the level of ecosystems and populations to individual people and animals. The committee identifies research needs and offers specific recommendations to decisionmakers. This authoritative volume: Critically evaluates the literature on hormonally active agents in the environment and identifies known and suspected toxicologic mechanisms and effects of fish, wildlife, and humans. Examines whether and how exposure to hormonally active agents occurs--in diet, in pharmaceuticals, from industrial releases into the environment--and why the debate centers on estrogens. Identifies significant uncertainties, limitations of knowledge, and weaknesses in the scientific literature. The book presents a wealth of information and investigates a wide range of examples across the spectrum of life that might be related to these agents. Making banana chips and flour *CTA* This 8-page fold-out leaflet, practical for use in the field and easy to read, covers the subject of making banana chips and flour. It gives some background information on the subject, outlines the relevant processes and provides tips, tables and explanatory line drawings. Fruit and vegetables Opportunities and challenges for small-scale sustainable farming *Food & Agriculture Org.* This book will convince the reader to care about fruit and vegetables and to see that the small-scale production of these crops is fundamental to achieving sustainable development goals. In five chapters, the reader will learn about the challenges and rewards for producers, sellers, and consumers. Chapter 1: a working definition for fruit and vegetables, making the case for supporting small-scale farmers and value chains. Chapter 2: options for farm management to ensure that production is sustainable including genetic resources, seed systems, management of water, soil, nutrients, and control of pests and diseases. Chapter 3: options to integrate small-scale commercial fruit and vegetable farmers into socially inclusive value chains, including innovative post-harvest handling services, market linkages, and reducing food loss and waste. Chapter 4: options for practitioners and policymakers at different governmental, institutional and social levels to promote the sustainable production and consumption of safe, nutritious, and affordable fruit and vegetables. Chapter 5: key interventions and innovations to facilitate the sustainable production of fruit and vegetables in low- and middle-income countries across the world. This publication takes readers on a journey introducing them to a diverse array of fruit and vegetables through colorfully illustrated studies from around the world. It justifies the importance of these crops and it encourages readers to take an active role both in promoting fruit and vegetable production and in encouraging more people to eat them. ¿Qué Hay? This is a course for students of CSEC Spanish. Relevant and lively, it consists of a Student's Book each with 2 audio CDs, a Workbook and a Teacher's Guide. Proceedings of the 8th International Conference on Sciences of Electronics, Technologies of Information and Telecommunications (SETIT'18), Vol. 1 This two-volume book presents an unusually diverse selection of research papers, covering all major topics in the fields of information and communication technologies and related sciences. It provides a wide-angle snapshot of current themes in information and power engineering, pursuing a cross-disciplinary approach to do so. The book gathers revised contributions that were presented at the 2018 International Conference: Sciences of Electronics, Technologies of Information and Telecommunication (SETIT'18), held on 20-22 December 2018 in Hammamet, Tunisia. This eighth installment of the event attracted a wealth of submissions, and the papers presented here were selected by a committee of experts and underwent additional, painstaking revision. Topics covered include: · Information Processing · Human-Machine Interaction · Computer Science · Telecommunications and Networks · Signal Processing · Electronics · Image and Video This broad-scoped approach is becoming increasingly popular in scientific publishing. Its aim is to encourage scholars and professionals to overcome disciplinary barriers, as demanded by current trends in the industry and in the consumer market, which are rapidly leading toward a convergence of data-driven applications, computation, telecommunication, and energy awareness. Given its coverage, the book will benefit graduate students, researchers and practitioners who need to keep up with the latest technological advances. The Haitian Revolution *Verso Books* Toussaint L'Ouverture was the leader of the Haitian Revolution in the late eighteenth century, in which slaves rebelled against their masters and established the first black republic. In this collection of his writings and speeches, former Haitian politician Jean-Bertrand Aristide demonstrates L'Ouverture's profound contribution to the struggle for equality. Artificial Insemination in Farm Animals Artificial insemination is used instead of natural mating for reproduction purposes and its chief priority is that the desirable characteristics of a bull or other male livestock animal can be passed on more quickly and to more progeny than if that animal is mated with females in a natural fashion. This book contains under one cover 16 chapters of concise, up-to-date information on artificial insemination in buffalos, ewes, pigs, swine, sheep, goats, pigs and dogs. Cryopreservation effect on sperm quality and fertility, new method and diagnostic test in semen analysis, management factors affecting fertility after cervical insemination, factors of non-infectious nature affecting the fertility, fatty acids effects on reproductive performance of ruminants, particularities of bovine artificial insemination, sperm preparation techniques and reproductive endocrinology diseases are described. This book will explain the advantages and disadvantages of using AI, the various methodologies used in different species, and how AI can be used to improve reproductive efficiency in farm animals. Principles of Food Chemistry *Westport, Conn. : Avi Publishing Company* Language Tree Reading Scheme Primary Language Arts for the Caribbean *MacMillan Education* ELT Physical Education and Sport for CSEC A CXC Study Guide Developed with the Caribbean Examinations Council, this Study Guide provides you with support to maximise your performance in CSEC Physical Education and Sport. Written by teachers, examiners and experts in the field, it covers all elements of the syllabus in an easy-to-use double-page-spread format with a range of features to enhance study. CXC Agricultural Science *Macmillan* Agricultural Science for CSEC(R) Examinations is one of a series of texts written especially for students studying for the CSEC examinations in science subjects. The examination for Agricultural Science can be taken as a Single Award or as a Double Award, and this book covers the material for both. Cancer Chemotherapy and Biotherapy Principles and Practice *Lippincott Williams & Wilkins* Updated to include the newest drugs and those currently in development, this Fifth Edition is a comprehensive reference on the preclinical and clinical pharmacology of anticancer agents. Organized by drug class, the book provides the latest information on all drugs and biological agents—their mechanisms of action, interactions with other agents, toxicities, side effects, and mechanisms of resistance. The authors explain the rationale for use of drugs in specific schedules and combinations and offer guidelines for dose adjustment in particular situations. This edition's introduction includes timely information on general strategies for drug usage, the science of drug discovery and development, economic and regulatory aspects of cancer drug development, and principles of pharmacokinetics. Eight new chapters have been added and more than twenty have been significantly revised. A companion website includes the fully searchable text and an image bank. A World of Prose Third Edition *Hodder Education* A World of Prose includes all the prescribed texts for the revised CSEC English A and English B syllabuses. It has been compiled with the approval of the Caribbean Examinations Council by Editors who have served as CSEC English panel members. - The material in this anthology will help students to prepare effectively for the CSEC examination. - The texts have been chosen to cover a wide range of themes and subjects and include a balance of well-known texts from the past as well as more recent works. - The anthology includes texts from the Caribbean and the rest of the world to stimulate an interest in and enjoyment of reading and literature. - This collection contains notes on each text and questions to provoke discussion, as well as a useful checklist to help students with literary analysis. - The book contains practical guidance for students on how to tackle examination questions, with examples of model answers for reference. Chemistry of 1,2,3-triazoles *Springer* The series Topics in Heterocyclic Chemistry presents critical reviews on present and future trends in the research of heterocyclic compounds. Overall the scope is to cover topics dealing with all areas within heterocyclic chemistry, both experimental and theoretical, of interest to the general heterocyclic chemistry community. The series consists of topic related volumes edited by renowned editors with contributions of experts in the field. Aspergillus Fumigatus and Aspergillosis *Amer Society for Microbiology* Offers the latest insights into the fundamental biology and pathogenesis of A. fumigatus. Provides a combined synopsis of both A. fumigatus and its diseases and therapies. Encompasses the most up-to-date knowledge to serve as a resource guide for the next decade of study on this organism and the many diseases it causes. Covers the fundamental biology of A. fumigatus including specific features in genetics, biochemistry, and cell biology that can explain the virulence of this opportunistic pathogen. Discusses the wide range of clinical infection, plus the latest diagnostic and treatment strategies, in specific patient populations. Immigration Policy *Greenhaven Press, Incorporated* Offers various points of view regarding immigration policy in the United States Cape Economics *HarperCollins UK* This CAPE Economics Multiple Choice Practice book is an invaluable exam preparation aid for CAPE Economics students. This book provides excellent practice for the multiple choice questions from Paper 1 of the CAPE examination, and has been specially written to help CAPE Economics students improve their Paper 1 exam score. Agricultural Science for CSEC A Caribbean Examinations Council Study Guide These Study Guides have been developed exclusively with the Caribbean Examinations Council (CXC(R)) to be used as an additional resource by candidates who are following the Caribbean Secondary Education Certificate (CSEC(R)) programme. They provide candidates with extra support to help them maximise their performance in their examinations. Oxford Mathematics for the Caribbean Where There is No Vet *Oxfam Publications* Intended for anyone in the tropics who keeps animals, this book is for people who help, advise, or teach others who keep animals. The text covers topics that affect the health of livestock, from diarrhoea to rinderpest, traditional remedies to the uses of modern medicines and vaccines, and includes advice on care, feeding and handling of animals. A Cow Called Boy *Macmillan Caribbean* This revised edition includes new supplementary material including chapter summaries, an exploration of the book's major themes and post-reading comprehension activities. Global Assessment Report on Disaster Risk Reduction 2021 Special Report on Drought - Summary for Policy Makers Droughts have deep, widespread and underestimated impacts on societies, ecosystems, and economies. They incur costs that are borne disproportionately by the most vulnerable people.