CAMBRIDGE INTERNATIONAL EXAMINATIONS

Cambridge International General Certificate of Secondary Education

MARK SCHEME for the October/November 2014 series

0620 CHEMISTRY

0620/33 Paper 3 (Extended Theory), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge will not enter into discussions about these mark schemes.

Cambridge is publishing the mark schemes for the October/November 2014 series for most Cambridge IGCSE⁶, Cambridge International A and AS Level components and some Cambridge O Level components.

© IGCSE is the registered trademark of Cambridge International Examinations.



33 Mark Scheme October November 2014

Daljit Singh

33 Mark Scheme October November 2014:

Enforcing Privacy David Wright, Paul De Hert, 2016-04-19 This book is about enforcing privacy and data protection It demonstrates different approaches regulatory legal and technological to enforcing privacy If regulators do not enforce laws or regulations or codes or do not have the resources political support or wherewithal to enforce them they effectively eviscerate and make meaningless such laws or regulations or codes no matter how laudable or well intentioned In some cases however the mere existence of such laws or regulations combined with a credible threat to invoke them is sufficient for regulatory purposes But the threat has to be credible As some of the authors in this book make clear it is a theme that runs throughout this book carrots and soft law need to be backed up by sticks and hard law The authors of this book view privacy enforcement as an activity that goes beyond regulatory enforcement however In some sense enforcing privacy is a task that befalls to all of us Privacy advocates and members of the public can play an important role in combatting the continuing intrusions upon privacy by governments intelligence agencies and big companies Contributors to this book including regulators privacy advocates academics SMEs a Member of the European Parliament lawyers and a technology researcher share their views in the one and only book on Enforcing Privacy Harvard Law Review: Volume 128, Number 1 -November 2014 Harvard Law Review, 2014-11-10 The November issue is the special annual review of the U S Supreme Court's previous Term Each year the issue is introduced by noteworthy and extensive contributions from recognized scholars In this issue for the 2013 Term articles include Foreword The Means of Constitutional Power by John F Manning Comment Slipping the Bonds of Federalism by Heather K Gerken Comment The Supreme Court as a Constitutional Court by Jamal Greene Comment The Hobby Lobby Moment by Paul Horwitz In addition the first issue of each new volume provides an extensive summary of the important cases of the previous Supreme Court docket covering a wide range of legal political and constitutional subjects Student commentary on Leading Cases of the 2013 Term includes recent cases on content neutrality under the First Amendment compelled subsidized speech free speech and contribution limits legislative prayer and the establishment of religion search and seizure law as to anonymous tips cellphones and cotenant consent equal protection and political process right to counsel Eighth Amendment issues for intellectually impaired defendants standing and jurisdiction class actions tribal immunity the Clean Air Act immigration of children misrepresentation of buyer and gun control law and copyright law's Transmit Clause Complete statistical graphs and tables of the Court's actions and results during the Term are included Finally the issue features several summaries of Recent Publications The issue also features essays on substantive and procedural law and judicial method honoring Justice Stephen G Breyer and his notable contributions to law and the Supreme Court The essays are written by scholars Martha Minow Martha Field Cass Sunstein Richard Fallon Michael Klarman Todd Rakoff Joseph Singer John Manning Laurence Tribe I Glenn Cohen and Mark Tushnet The Harvard Law Review is offered in a quality digital edition featuring active Contents linked footnotes active URLs legible tables and proper

ebook and Bluebook formatting This current issue of the Review is November 2014 the first issue of academic year 2014 2015 Volume 128 Southeast Asian Affairs 2015 Daljit Singh,2016-04-29 Southeast Asian Affairs is the only one of its kind a comprehensive annual review devoted to the international relations politics and economies of the region and its nation states The collected volumes of Southeast Asian Affairs have become a compendium documenting the dynamic evolution of regional and national developments in Southeast Asia from the end of the second Vietnam War to the alarms and struggles of today Over the years the editors have drawn on the talents and expertise not only of ISEAS own professional research staff and visiting fellows but have also reached out to tap leading scholars and analysts elsewhere in Southeast and East Asia Australia and New Zealand North America and Europe A full list of contributors over forty years reads like a kind of who s who in Southeast Asian Studies Regardless of specific events and outcomes in political economic and social developments in Southeast Asia s future we can expect future editions of Southeast Asian Affairs to continue to provide the expert analysis that has marked the publication since its founding It has become an important contributor to the knowledge base of contemporary Southeast Asia Donald E Weatherbee Russell Distinguished Professor Emeritus University of South Carolina

Star Observer Magazine April 2014 Elias Jahshan, 2015-03-16 ACCA P6 Advanced Taxation FA2014 BPP Learning Media, 2014-12-02 BPP Learning Media's status as official ACCA Approved Learning Provider Content means our ACCA Study Texts and Practice Revision Kits are reviewed by the ACCA examining team BPP Learning Media products provide you with the exam focussed material you need for exam success **Afrasian Transformations** ,2020-08-31 African Asian interactions contribute to the emergence of a decentred multi polar world in which different actors need to redefine themselves and their relations to each other Afrasian Transformations explores these changes to map out several arenas where these transformations have already produced startling results development politics South South cooperation cultural memory mobile lifeworlds and transcultural connectivity. The contributions in this volume neither celebrate these shifting dynamics as felicitous proof of a new age of South South solidarity nor do they debunk them as yet another instance of burgeoning geopolitical hegemony Instead they seek to come to terms with the ambivalences contradictions and potential benefits entailed in these transformations that are also altering our understanding of trans area in an increasingly globalized world Contributors include Seifudein Adem Nafeesah Allen Jan Beek Tom De Bruyn Casper Hendrik Claassen Astrid Erll Hanna Getachew Amare John Njenga Karugia Guive Khan Mohammad Vinay Lal Pavan Kumar Malreddy Jamie Monson Diderot Nguepjouo Satwinder S Rehal Ute R schenthaler Alexandra Samokhvalova Darryl C Thomas and Sophia Thubauville

Forensic Analytics Mark J. Nigrini,2020-05-12 Become the forensic analytics expert in your organization using effective and efficient data analysis tests to find anomalies biases and potential fraud the updated new edition Forensic Analytics reviews the methods and techniques that forensic accountants can use to detect intentional and unintentional errors fraud and biases This updated second edition shows accountants and auditors how analyzing their corporate or public sector data

can highlight transactions balances or subsets of transactions or balances in need of attention These tests are made up of a set of initial high level overview tests followed by a series of more focused tests. These focused tests use a variety of quantitative methods including Benford's Law outlier detection the detection of duplicates a comparison to benchmarks time series methods risk scoring and sometimes simply statistical logic The tests in the new edition include the newly developed vector variation score that quantifies the change in an array of data from one period to the next The goals of the tests are to either produce a small sample of suspicious transactions a small set of transaction groups or a risk score related to individual transactions or a group of items The new edition includes over two hundred figures Each chapter where applicable includes one or more cases showing how the tests under discussion could have detected the fraud or anomalies The new edition also includes two chapters each describing multi million dollar fraud schemes and the insights that can be learned from those examples These interesting real world examples help to make the text accessible and understandable for accounting professionals and accounting students without rigorous backgrounds in mathematics and statistics Emphasizing practical applications the new edition shows how to use either Excel or Access to run these analytics tests The book also has some coverage on using Minitab IDEA R and Tableau to run forensic focused tests The use of SAS and Power BI rounds out the software coverage The software screenshots use the latest versions of the software available at the time of writing This authoritative book Describes the use of statistically based techniques including Benford's Law descriptive statistics and the vector variation score to detect errors and anomalies Shows how to run most of the tests in Access and Excel and other data analysis software packages for a small sample of the tests Applies the tests under review in each chapter to the same purchasing card data from a government entity Includes interesting cases studies throughout that are linked to the tests being reviewed Includes two comprehensive case studies where data analytics could have detected the frauds before they reached multi million dollar levels Includes a continually updated companion website with the data sets used in the chapters the queries used in the chapters extra coverage of some topics or cases end of chapter questions and end of chapter cases Written by a prominent educator and researcher in forensic accounting and auditing the new edition of Forensic Analytics Methods and Techniques for Forensic Accounting Investigations is an essential resource for forensic accountants auditors comptrollers fraud investigators and graduate students Applied Ecology and Sustainable Environment Shri V.K. Jain, 2021-04-30 About this book Relevant book for students of Architecture Engineering and practitioners in the field of Water soil and AIR pollution soil conservation biology wetland management natural resource management agroecology agriculture forestry agroforestry fisheries city planning urban ecology basic and applied science and human social interaction human ecology An only book providing details of various National and International Codes and Standards Book written as per syllabi of architecture engineering and natural science disciplines of various Universities and requirement of emerging technology as proposed by All India Council of Technical Education AICTE Complete syllabus of subject RAR 106 Ecology and

Environment as per AKTU UP in proper and other universities like GTB Indraprastha SPA Delhi etc This is the only book providing practical Experience on the subject Five Year Mission Tim Bale, 2015-04-02 In May 2010 Labour suffered one of its worst ever election defeats A few months later it chose Ed Miliband as its new leader His task To win back power after just one term in opposition a tall order given how many voters had come to blame Labour for the economic mess the country was in and to see the party as a soft touch when it came to immigration and welfare Even those who were more sympathetic had their doubts Was Ed Miliband really leadership material Would he be able to overcome defeating his elder brother to get to the top Would he have to do as he was told by the trade union leaders who had helped him win Could he resolve the tensions between Blairites and Brownites Blue Labour and New Labour Might his desire to keep his colleagues united mean Labour stayed stuck in its comfort zone Would he in seeking to break from the party s recent past take it too far to the left Could he offer the electorate something really radical in 2015 or would he instead choose something safer but ultimately less inspiring And what should twenty first social democracy look like now that the money had run out This book by one of the country's foremost experts on party politics seeks to answer all those questions and in the run up to the 2015 general election to ask one more will Ed Miliband's five year mission turn out to be mission impossible The Uganda Gazette Uganda,2015-12

Unveiling the Magic of Words: A Report on "33 Mark Scheme October November 2014"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is really awe-inspiring. Enter the realm of "33 Mark Scheme October November 2014," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

https://legacy.tortoisemedia.com/data/detail/Documents/trauma healing ultimate guide.pdf

Table of Contents 33 Mark Scheme October November 2014

- 1. Understanding the eBook 33 Mark Scheme October November 2014
 - The Rise of Digital Reading 33 Mark Scheme October November 2014
 - Advantages of eBooks Over Traditional Books
- 2. Identifying 33 Mark Scheme October November 2014
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an 33 Mark Scheme October November 2014
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from 33 Mark Scheme October November 2014
 - Personalized Recommendations
 - 33 Mark Scheme October November 2014 User Reviews and Ratings
 - o 33 Mark Scheme October November 2014 and Bestseller Lists

- 5. Accessing 33 Mark Scheme October November 2014 Free and Paid eBooks
 - o 33 Mark Scheme October November 2014 Public Domain eBooks
 - o 33 Mark Scheme October November 2014 eBook Subscription Services
 - 33 Mark Scheme October November 2014 Budget-Friendly Options
- 6. Navigating 33 Mark Scheme October November 2014 eBook Formats
 - ∘ ePub, PDF, MOBI, and More
 - 33 Mark Scheme October November 2014 Compatibility with Devices
 - 33 Mark Scheme October November 2014 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of 33 Mark Scheme October November 2014
 - Highlighting and Note-Taking 33 Mark Scheme October November 2014
 - Interactive Elements 33 Mark Scheme October November 2014
- 8. Staying Engaged with 33 Mark Scheme October November 2014
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers 33 Mark Scheme October November 2014
- 9. Balancing eBooks and Physical Books 33 Mark Scheme October November 2014
 - \circ Benefits of a Digital Library
 - Creating a Diverse Reading Collection 33 Mark Scheme October November 2014
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine 33 Mark Scheme October November 2014
 - Setting Reading Goals 33 Mark Scheme October November 2014
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of 33 Mark Scheme October November 2014
 - Fact-Checking eBook Content of 33 Mark Scheme October November 2014
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

33 Mark Scheme October November 2014 Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading 33 Mark Scheme October November 2014 free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading 33 Mark Scheme October November 2014 free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading 33 Mark Scheme October

November 2014 free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading 33 Mark Scheme October November 2014. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading 33 Mark Scheme October November 2014 any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About 33 Mark Scheme October November 2014 Books

What is a 33 Mark Scheme October November 2014 PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a 33 Mark Scheme October November 2014 PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a 33 Mark Scheme October November 2014 PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a 33 Mark Scheme October November **2014 PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a 33 Mark Scheme October November 2014 PDF? Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without

significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find 33 Mark Scheme October November 2014:

trauma healing ultimate guide
emotional intelligence tricks
ebook investing
habit building advanced
cybersecurity pro
mindfulness meditation step by step
international bestseller cybersecurity
international bestseller investing
personal finance step by step
fan favorite trauma healing
ultimate guide personal finance
ideas digital literacy
personal finance for beginners
quick start investing
trauma healing review

33 Mark Scheme October November 2014:

Read Unlimited Books Online Active Reader Second Edition ... Read Unlimited Books Online. Active Reader Second. Edition Henderson Pdf Book. Pdf. INTRODUCTION Read Unlimited Books. Online Active Reader Second Edition. Becoming an Active Reader A Complete Resource for Reading and Writing, Second Edition [Eric Henderson] on Amazon.com. *FREE* shipping on qualifying offers. The Active Reader: Strategies for Academic

Reading and ... The Active Reader offers a practical, integrated treatment of academic reading and writing at the postsecondary level. Thirty-two thought-provoking ... A Complete Resource for Reading and Writing 2nd edition ... Becoming an Active Reader: A Complete Resource for Reading and Writing 2nd Edition is written by Eric Henderson and published by Oxford University Press Canada. The Active Reader: Strategies for... book by Eric Henderson Now in a second edition, The Active Reader offers a practical, integrated treatment of academic reading and writing at the post-secondary level. N. E. HENDERSON — Home The official website of author N. E. Henderson. Discover the next romance book you're going to fall in love with, order signed paperbacks, locate her next ... The Active Reader: Strategies for Academic Reading and ... The Active Reader is designed to provide students with a practical, integrated approach to reading and writing at the university level. The book is divided ... yawp v2 open pdf.pdf The American Yawp is a collabora- tively built, open American history textbook designed for general readers ... expected women to assume various functions to free ... BibMe: Free Bibliography & Citation Maker - MLA, APA ... BibMe — The Online Writing Center, powered by Chegg. Create citations. Start a new citation or manage your existing bibliographies. Kidnapped By My Mate Pdf, Fantasy books Read 500+ free fantasy stories now!., Read the novel Kidnapped by my mate all chapters for free., The Lycan's Rejected ... Filthy Beautiful Lies Series by Kendall Ryan Book 1 · Shelve Filthy Beautiful Lies · Book 2 · Shelve Filthy Beautiful Love · Book 3 · Shelve Filthy Beautiful Lust · Book 4 · Shelve Filthy Beautiful Forever. Filthy Beautiful Lies: A Forbidden Angsty Dark Romance One, Filthy Beautiful Lies is impossible to put down. Two, Sophie and Colton's chemistry is hot and impossible to ignore. Three, it is impossible to forget. Filthy Beautiful Lies Book Series #1. Filthy Beautiful Lies - Book #1 of the Filthy Beautiful Lies. Filthy Beautiful Lies. Kendall Ryan. From \$5.89. #2. Doce Amor - Book #2 of the Filthy ... Filthy Beautiful Lies #1 - Kendall Ryan If you are looking for a quick erotic read with a strong heroine and a mysteriously sexy hero, I highly recommend Filthy Beautiful Lies! ... Plot/Storyline- A ... Filthy Beautiful Lies A New York Times and USA Today Bestseller; Filthy Beautiful Lies: A Forbidden Angsty Dark Romance. 1 · 4.3 out of 5 stars (6,347) · \$3.99; Filthy Beautiful Love (... Filthy Beautiful Lies (Filthy Beautiful Lies, #1) - Kendall Ryan Filthy Beautiful Lies (Filthy Beautiful Lies, #1) story written by the author Kendall Ryan on Hinovel. This is a story about Emotion, Romance, Alpha. Filthy Beautiful Lies Filthy Beautiful Lies. Book 1; Filthy Beautiful Love. Book 2; Filthy Beautiful Lust. Book 3; Filthy Beautiful Forever. Book 4; Filthy Beautiful Lies: The Series. Review: Filthy Beautiful Lies by Kendall Ryan One, Filthy Beautiful Lies is impossible to put down. Two, Sophie and Colton's chemistry is hot and impossible to ignore. Three, it is impossible to forget. Filthy Beautiful Lies - Ryan, Kendall: 9781500648053 9780008133863: Filthy Beautiful Lies (Filthy Beautiful Series, Book 1). Featured Edition. ISBN 10: ISBN 13: 9780008133863. Publisher: Harper, 2015. Softcover. Filthy Beautiful Lies Books In Order "Filthy Beautiful Lies" is the first novel in the "Filthy Beautiful Lies" series ... A Gentle Path through the Twelve Steps It explores abuse histories for those like me who have suffered all forms of abuse & trauma as a child. FREE Yourself, finally, from the demons of your past ... A Gentle Path through the Twelve Steps Updated and ... A revised and expanded edition of the recovery classic by Patrick Carnes, Ph.D., a leading expert on addictive behaviors. "The Twelve Steps tap into the ... A Gentle Path through the Twelve Steps It asks penetrating questions of the addict who reads it. Like a workbook, one writes down one's own personal answers to the questions. Nobody but oneself needs ... A Gentle Path through the 12 Steps A Gentle Path through the Twelve Steps is a classic guide for all people in the process of recovery. Each step is clearly explained and examined with ... A Gentle Path Through the Twelve Steps This revised edition of "A Gentle Path through the Twelve Steps "is a treasure chest, a rich and powerful resource for anyone working a twelve-step program. A Gentle Path through the Twelve Steps Apr 13, 2012 — A revised and expanded edition of the recovery classic by Patrick Carnes, PhD, a leading expert on addictive behaviors. A Gentle Path Through the Twelve Steps... book by Patrick ... A thorough journey through the twelve steps. Patrick Carnes is a pioneer in Sexual Addiction Recovery and has written a twelve step workbook in a simplified ... A Gentle Path Through the Twelve Steps Dec 5, 2023 — the Classic Guide for All People in the Process of Recovery. Carnes ... The twelve steps tap into the essential human process of change and ... A Gentle Path Through the Twelve Steps: The Classic Guide for All People in the Process of Recovery. The twelve steps tap into the essential ... A Gentle Path through the Twelve Steps A revised and expanded edition of the recovery classic by Patrick Carnes, Ph.D., a leading expert on addictive behaviors.