



education

Department of  
Education  
FREE STATE PROVINCE

## PHYSICAL SCIENCES PAPER 1 (PHYSICS)

### GRADE 12

## TERMS & DEFINITIONS, QUESTIONS & ANSWERS PER TOPIC

2019

### TABLE OF CONTENTS

HOW TO USE THIS DOCUMENT .....	2
TERMS AND DEFINITIONS .....	3
QUESTIONS .....	7
NEWTON'S LAWS .....	7
VERTICAL PROJECTILE MOTION .....	13
MOMENTUM AND IMPULSE .....	18
WORK, ENERGY AND POWER .....	23
DOPPLER EFFECT .....	29
ELECTROSTATICS .....	34
ELECTRIC CIRCUITS .....	42
ELECTRICAL MACHINES .....	50
OPTICAL PHENOMENA AND PROPERTIES OF MATERIALS .....	54
ANSWERS TO QUESTIONS .....	62
NEWTON'S LAWS .....	62
VERTICAL PROJECTILE MOTION .....	69
MOMENTUM AND IMPULSE .....	79
WORK, ENERGY AND POWER .....	83
DOPPLER EFFECT .....	91
ELECTROSTATICS .....	95
ELECTRIC CIRCUITS .....	104
ELECTRICAL MACHINES .....	112
OPTICAL PHENOMENA AND PROPERTIES OF MATERIALS .....	117
BIBLIOGRAPHY .....	124

# Physical Science Paper June Exam 2013

**RJ Shavelson**



## **Physical Science Paper June Exam 2013:**

*General Aptitude Compulsory Solved Papers* YCT Expert Team , 2023 24 NTA CSIR NET JRF PART A General Aptitude Compulsory Solved Papers      *2024-25 NTA UGC-NET/JRF General Aptitude Solved Papers* YCT Expert Team , 2024 25 NTA UGC NET JRF General Aptitude Solved Papers 298 595 E This book contains compulsory papers Mathematical Sciences Physical Sciences Chemical Sciences Life Sciences Earth Sciences and the previous year solved papers with 52 sets      **2025** YCT Expert Team, 2025 26 NTA CSIR NET JRF Part A General Aptitude Solved Papers 378 695 E This book contains 73 sets of the previous year solved papers and covers mathematical sciences physical sciences chemical sciences life sciences and earth sciences      Guide to IBPS Specialist IT Officer Scale I with 2013-16 Solved Papers - 5th Edition Disha Experts, The 5th edition of the book covers the 2017 Solved Paper along with the 4 sections English Language Quantitative Aptitude Reasoning Professional Knowledge The book provides well illustrated theory with exhaustive fully solved examples for learning This is followed with an exhaustive collection of solved questions in the form of Exercise The book incorporates fully solved 2013 to 2017 IBPS Specialist IT Officer Scale question papers The USP of the book is the Professional Knowledge section which has been divided into 11 chapters covering all the important aspects of IT Knowledge as per the pattern of questions asked in the question paper      *UGC-NET/SET: Physical Education (Paper II & III) JRF and Assistant Professor Exam Guide* High Definition Books,      Peterson's Grad Programs in Physical Sciences, Math, Ag Sciences, Envir & Natural Res 20154 (Grad 4) Peterson's, 2014-10-21 Graduate Programs in the Physical Sciences Mathematics Agricultural Sciences the Environment Natural Resources 2015 contains more than 3 000 graduate programs in the relevant disciplines including agriculture and food sciences astronomy and astrophysics chemistry physics mathematics environmental sciences and management natural resources marine sciences and more Informative data profiles for more than 3 000 graduate programs at nearly 600 institutions are included complete with facts and figures on accreditation degree requirements application deadlines and contact information financial support faculty and student body profiles Two page in depth descriptions written by featured institutions offer complete details on specific graduate programs schools or departments as well as information on faculty research Comprehensive directories list programs in this volume as well as others in the graduate series      Educart NEET 37 Years Physics Solved Papers (PYQs) Chapterwise and Topicwise for NEET 2025 Exam Educart, Dr. Rakshita Singh, 2024-07-25      Quarterly Current Affairs - April to June 2017 for Competitive Exams Disha Experts, 2017-07-11 Quarterly Current Affairs April to June 2017 for Competitive Exams is a unique handy magbook as it gives the complete update of the 2nd Quarter months of 2017 The book talks of all the recent developments in the field of Polity Economics Science Technology Sports Art Culture etc This book would prove to be an asset for all students aspiring for the different competitive exams The book highlights the gist of the 2nd Quarter of 2017 through Game Changers Causes Effects Quote Unquote etc      **Educart NEET 37 Years Chemistry Solved Papers (PYQs) Chapterwise and Topicwise**

**for NEET 2025 Exam** Educart, Dr. Rakshita Singh, 2024-07-25      **UGC-NET/SET: Sociology JRF and Assistant Professor Exam Guide** High Definition Books,      **[6200+ MCQs] Home Science Chapterwise Question Bank (English Edition)** Mocktime Publication, 6200 MCQs Home Science Chapterwise Question Bank English Edition Table of Contents  
 Chapter 1 Food and Nutrition 4 Chapter 2 Proteins 19 Chapter 3 Carbohydrates 27 Chapter 4 Fats 32 Chapter 5 Vitamins 37 Chapter 6 Water 54 Chapter 7 Mineral Salts 59 Chapter 8 Vegetable Foods 68 Chapter 9 Beverages 74 Chapter 10 Milk and Food Made from Milk 75 Chapter 11 Animal Foods 76 Chapter 12 Substances and Butter 77 Chapter 13 Diet Planning 81 Chapter 14 Remedial Nutrition 106 Chapter 15 Adulteration of Food 129 Chapter 16 Food Testing and Collection 149 Chapter 17 Cloth Science Introduction and importance 154 Chapter 18 Test of fabrics 156 Chapter 19 Cotton Linen and Jute 164 Chapter 20 Silk 169 Chapter 21 Wool 174 Chapter 22 Rayon and Nylon 178 Chapter 23 Manufacturing of Cloths 183 Chapter 24 Traditional and Textiles and Embroidery of India 210 Chapter 25 Supervision and selection of cloths 229 Chapter 26 Laundry Material 243 Chapter 27 Housekeeping Decisions Actions 250 Chapter 28 Available Resources and Appropriation Income 267 Chapter 29 Social Housekeeping 276 Chapter 30 Power Management of Time and Money 291 Chapter 31 Consumption and Consumers Markets and Signs 309 Chapter 32 Cleaning the Kitchen and Kitchen 320 Chapter 33 Interior Decoration 328 Chapter 34 Meaning and Experience of Extension Teaching 348 Chapter 35 Communication and Communication Models 364 Chapter 36 Community Development Program 397 Chapter 37 Definition Of Child Development Areas And Study 421 Chapter 38 Developmental Patterns Inheritance Environment and Learning 424 Chapter 39 Growth and Development 429 Chapter 40 Developmental Work 442 Chapter 41 Matriarchy and Child rearing 456 Chapter 42 Methods of Child Feeding 472 Chapter 43 Physical Development and Social Development of the Child 482 Chapter 44 Functional Development and Emotional Development 486 Chapter 45 Language Development 495 Chapter 46 Intellectual Development Growth 499 Chapter 47 Games and Actions 505 Chapter 48 Meaning of Personality Development and Influencing Factors 508 Chapter 49 Specialized Child Gifted Child Problem Child 510 Chapter 50 Body Composition Work Health Education and Genetics 514 Chapter 51 Environmental and Social Activists 560 Chapter 52 Institutional Management 569 Chapter 53 Panchayat 593 Chapter 54 Research 596 Chapter 55 Human Health and First Aid 625 Search Keywords pgmt home science ugc net home science home science teachers home science lecturer university entrance home science state psc tgt pgmt nvs kvs dsssb aps home science previous year papers      **2012-2013 College Admissions Data Sourcebook Midwest Edition**

,      World Congress on Medical Physics and Biomedical Engineering, June 7-12, 2015, Toronto, Canada David A. Jaffray, 2015-07-13 This book presents the proceedings of the IUPESM World Biomedical Engineering and Medical Physics a tri annual high level policy meeting dedicated exclusively to furthering the role of biomedical engineering and medical physics in medicine The book offers papers about emerging issues related to the development and sustainability of the role and impact of medical physicists and biomedical engineers in medicine and healthcare It provides a unique and important

forum to secure a coordinated multileveled global response to the need demand and importance of creating and supporting strong academic and clinical teams of biomedical engineers and medical physicists for the benefit of human health

Science (Physics-1) 2022-23 TGT/PGT/LT YCT Expert Team , 2022 23 TGT PGT LT Science Physics 1 Chapter wise Solved Papers *DeLee & Drez's Orthopaedic Sports Medicine E-Book* Mark D. Miller, Stephen R. Thompson, 2018-12-20

Indispensable for both surgeons and sports medicine physicians DeLee Drez a streamlined organization for quick reference in depth coverage of arthroscopic techniques extensive references levels of evidence at the end of each chapter and Author s Preferred Technique sections Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices **Pratiyogita Darpan** ,2006-11 Pratiyogita Darpan monthly magazine is India s largest read General Knowledge and Current Affairs Magazine Pratiyogita Darpan English monthly magazine is known for quality content on General Knowledge and Current Affairs Topics ranging from national and international news issues personality development interviews of examination toppers articles write up on topics like career economy history public administration geography polity social environment scientific legal etc solved papers of various examinations Essay and debate contest Quiz and knowledge testing features are covered every month in this magazine

**September 2019 Monthly Current Affairs with MCQs for Competitive Exams** Disha Experts, 2019-09-01 August 2019 Monthly Current Affairs with MCQs for Competitive Exams Disha Experts, 2019-08-04 2024-25 NCERT Class-VI to XII General Science YCT Expert Team , 2024 25 NCERT Class VI to XII General Science 400 795 E This book covers Physics Chemistry Biology Environment Ecology and Computer *Introduction to Fire Protection and Emergency Services includes Navigate Advantage Access* Robert Klinoff, 2019-11-11 The sixth edition of Introduction to Fire Protection and Emergency Services meets and exceeds the National Fire Academy s Fire and Emergency Services Higher Education FESHE course objectives and outcomes for the Associate s Core course called Principles of Emergency Services C0273 The Sixth Edition delivers future fire service candidates a head start in the competitive selection process by familiarizing students with the selection and training process In addition the Sixth Edition provides a comprehensive and concise overview of the broad spectrum of the fire service from the primary duties of the modern fire department to emergency incident management to fire prevention to department administration The Sixth Edition reinforces foundational knowledge including the history and future of the fire service the chemistry and physics of fire issues facing the fire and rescue service in the United States and careers in the fire and emergency services The entire range of services of the modern fire service is explored including emergency medical services hazardous materials response wildland fires swiftwater rescue and urban search and rescue The Sixth Edition includes An emphasis on safety and professionalism which is reinforced through discussions of incident effectiveness fire fighter ethics customer service physical fitness training decision making fire prevention and behavioral health Organizations that support the fire service are highlighted including Firefighter Behavioral Health Alliance Firefighter

Cancer Support Network Leary Firefighter Foundation Discussions on Post Traumatic Stress Disorder PTSD and Repeated Exposure to Trauma RET and their effects on fire fighters An expanded discussion of the possible future effects of climate change and the effect on the fire and rescue service

Immerse yourself in the artistry of words with is expressive creation, Discover the Artistry of **Physical Science Paper June Exam 2013** . This ebook, presented in a PDF format ( Download in PDF: \*), is a masterpiece that goes beyond conventional storytelling. Indulge your senses in prose, poetry, and knowledge. Download now to let the beauty of literature and artistry envelop your mind in a unique and expressive way.

[https://crm.avenza.com/About/virtual-library/Documents/samsung\\_galaxy\\_f480\\_user\\_guide.pdf](https://crm.avenza.com/About/virtual-library/Documents/samsung_galaxy_f480_user_guide.pdf)

## **Table of Contents Physical Science Paper June Exam 2013**

1. Understanding the eBook Physical Science Paper June Exam 2013
  - The Rise of Digital Reading Physical Science Paper June Exam 2013
  - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Paper June Exam 2013
  - 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 Physical Science Paper June Exam 2013
  - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Paper June Exam 2013
  - Personalized Recommendations
  - Physical Science Paper June Exam 2013 User Reviews and Ratings
  - Physical Science Paper June Exam 2013 and Bestseller Lists
5. Accessing Physical Science Paper June Exam 2013 Free and Paid eBooks
  - Physical Science Paper June Exam 2013 Public Domain eBooks
  - Physical Science Paper June Exam 2013 eBook Subscription Services
  - Physical Science Paper June Exam 2013 Budget-Friendly Options

6. Navigating Physical Science Paper June Exam 2013 eBook Formats
  - ePub, PDF, MOBI, and More
  - Physical Science Paper June Exam 2013 Compatibility with Devices
  - Physical Science Paper June Exam 2013 Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Physical Science Paper June Exam 2013
  - Highlighting and Note-Taking Physical Science Paper June Exam 2013
  - Interactive Elements Physical Science Paper June Exam 2013
8. Staying Engaged with Physical Science Paper June Exam 2013
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Physical Science Paper June Exam 2013
9. Balancing eBooks and Physical Books Physical Science Paper June Exam 2013
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Physical Science Paper June Exam 2013
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Physical Science Paper June Exam 2013
  - Setting Reading Goals Physical Science Paper June Exam 2013
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Physical Science Paper June Exam 2013
  - Fact-Checking eBook Content of Physical Science Paper June Exam 2013
  - 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

## **Physical Science Paper June Exam 2013 Introduction**

In today's digital age, the availability of Physical Science Paper June Exam 2013 books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Physical Science Paper June Exam 2013 books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Physical Science Paper June Exam 2013 books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Physical Science Paper June Exam 2013 versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Physical Science Paper June Exam 2013 books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Physical Science Paper June Exam 2013 books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Physical Science Paper June Exam 2013 books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare,

which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Physical Science Paper June Exam 2013 books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Physical Science Paper June Exam 2013 books and manuals for download and embark on your journey of knowledge?

### **FAQs About Physical Science Paper June Exam 2013 Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Physical Science Paper June Exam 2013 is one of the best book in our library for free trial. We provide copy of Physical Science Paper June Exam 2013 in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Physical Science Paper June Exam 2013. Where to download Physical Science Paper June Exam 2013 online for free? Are you looking for Physical Science Paper June Exam 2013 PDF? This is definitely going to save you time and cash in something you should think about.

### **Find Physical Science Paper June Exam 2013 :**

[samsung galaxy f480 user guide](#)

[samsung galaxy note i717 user guide](#)

[sample word problems for expressions 8th grade](#)

[samsung gt i8150 guide](#)

**samsung customer service toll number**

[samsung dmr57lfb service manual repair guide](#)

[samsung gt b2710 service manual](#)

[samsung galaxy s3 glass repair kit](#)

[samsung eh5000 service manual](#)

**samsung convoy 2 sch u660 manual**

**sample waiver of service**

[sample wechsler questions](#)

[samsung galaxy s3 mini manual roam](#)

**samsung galaxy smartphone manual**

[samsung galaxy ace q user guide](#)

### **Physical Science Paper June Exam 2013 :**

Financial and Managerial Accounting The Wild Financial and Managerial Accounting text has quickly become the market-leading text that provides a corporate perspective with balanced coverage in ... Financial and Managerial Accounting by Wild, John The Wild Financial and Managerial Accounting text has quickly become the market-leading text that provides a corporate perspective with balanced coverage in ... Financial and Managerial Accounting by Wild, John Building on the success of the best-selling Fundamental Accounting Principles text, authors John Wild, Ken W. Shaw, and Barbara Chiappetta created Financial ... Financial and Managerial Accounting 9th edition ... Rent Financial and Managerial Accounting 9th edition (978-1260728774) today, or search our site for other textbooks by John Wild. Financial Managerial Accounting by John Wild Financial and Managerial Accounting: Information for Decisions by John J. Wild and a great selection of related books, art and collectibles available now at ... Financial and Managerial Accounting - John J. Wild Financial and Managerial Accounting by John J. Wild; Ken Shaw; Barbara Chiappetta ... 9781259334962: Financial and Managerial Accounting 5th Edition (Paperback). Financial and Managerial Accounting John... Financial Accounting: Information for Decisions With PowerWeb and NetTutor, Second Edition. John J. Wild. from: \$7.09 · College Accounting. Financial And Managerial Accounting [John Wild] Buy Financial And Managerial Accounting [John Wild] ISBN 9780078025761 0078025761 6th edition ... Financial And Managerial Accounting - by Wild \$49.99 ... Financial and managerial accounting - WorldCat Financial and managerial accounting : information for decisions. Authors: John J. Wild, Barbara Chiappetta, Ken W. Shaw. Front cover

image for Financial and ... 2007 Volkswagen Touareg Owners Manual in PDF The complete 10 booklet user manual for the 2007 Volkswagen Touareg in a downloadable PDF format. Includes maintenance schedule, warranty info, ... Volkswagen Touareg Manuals & Literature for sale 2014 Volkswagen Touareg Owners Manual Book Guide HHNRE. Pre-Owned: Volkswagen ... 2007 Volkswagen VW Touareg Owner's Manual Book With Case OEM. Pre-Owned ... pdf owners manual Jan 26, 2008 — Owners Manual (section 3.1) 2007 V8. General Maintenance & Repair. 2 ... Club Touareg Forum is a forum community dedicated to Volkswagen Touareg ... The Volkswagen Online Owner's Manual. Quickly view PDF versions of your owners manual for VW model years 2012 and newer by entering your 17-digit Vehicle Identification Number (VIN). 2007 Volkswagen Touareg Owner's Manual Original factory 2007 Volkswagen Touareg Owner's Manual by DIY Repair Manuals. Best selection and lowest prices on owners manual, service repair manuals, ... 2007 Volkswagen VW Touareg Factory Owner ... 2007 Volkswagen VW Touareg Factory Owner Owner's User Guide Manual V6 V8 V10 TDI ; Quantity. 1 available ; Item Number. 374681453277 ; Accurate description. 4.8. VW Volkswagen Touareg - Manuals ssp-89p303-touareg-i-electronic-diesel-control-edc-16-service-training.pdf, 2008-vw-touareg-uk.pdf, vw-touareg-3-brake-system.pdf, ... 2007 Volkswagen Touareg Owner's Manual Set Original factory 2007 Volkswagen Touareg Owner's Manual Set by DIY Repair Manuals. Best selection and lowest prices on owners manual, service repair manuals ... VW Touareg Owners Hand books 2007 3.0 v6 tdi Jan 28, 2019 — Hi All I bought a 2007 Touareg 3.0 v6 tdi and I didn't get any hand books with it and need some help on the Navigation and other systems in ... Questions and answers on biosimilar ... Sep 27, 2012 — Questions and answers. Questions and answers on biosimilar medicines (similar biological medicinal products). What is a biological medicine? A ... Guidance for Industry guidance document (Questions and Answers on Biosimilar Development and the BPCI Act) and. December 2018 draft guidance document (New and Revised Draft Q&As ... Questions and answers for biological medicinal products 1. How can specification limits be clinically justified for a biosimilar? September 2023. Frequently Asked Questions About Biologic and Biosimilar ... Answer: A biosimilar is a biologic product developed to be highly similar to a previously FDA approved biologic, known as the reference product. A ... Questions and Answers on Biosimilar Development ... Sep 20, 2021 — ... biosimilar and interchangeable products. This final guidance document ... product has the same “strength” as the reference product. FDA ... Biosimilars Frequently Asked Questions What is a biosimilar? · What is a biologic product? · What is the difference between a biosimilar and a generic? · What is Immunogenicity? · What does the approval ... Biosimilars: Questions and Answers on ... Dec 12, 2018 — The Food and Drug Administration (FDA or Agency) is announcing the availability of a final guidance for industry entitled “Questions and ... Biological and biosimilar medicines - What patients should ... answers to a range of questions on biological and biosimilar medicines. The ... Are biosimilar medicines the same as generic medicines? No. A biosimilar ... How Similar Are Biosimilars? What Do Clinicians Need to ... by C Triplitt · 2017 · Cited by 15 — Biosimilars are not the same as generics; they are similar, but not identical, to their reference drug, meaning that they

may have small differences that could ... Biosimilar Drugs: Your Questions Answered Is a biosimilar comparable to the original biologic drug? Yes. It is not an ... As manufacturers compete with each other to make similar products at lower ...