

Akash Sample Papers For Ip

The LNAI 12299 constitutes the papers of the 18th International Conference on Artificial Intelligence in Medicine, AIME 2020, which will be held online in August 2020. The 42 full papers presented together with 1 short papers in this volume were carefully reviewed and selected from a total of 103 submissions. The AIME 2020 goals were to present and consolidate the international state of the art of AI in biomedical research from the perspectives of theory, methodology, systems, and applications.

This book constitutes the second part of the refereed proceedings of the Third International Conference, IC3 2010, held in Noida, India, in August 2010. The 23 revised full papers presented were carefully reviewed and selected from numerous submissions.

The new Xam Idea for Class XII Physics 2020-21 has been thoroughly revised, diligently designed, and uniquely formatted in accordance with CBSE requirements and NCERT guidelines. The features of the new Xam Idea are as follows: 1. The book has been thoroughly revised as per the new CBSE Examination Paper design. 2. The book is divided into two Sections: Part–A and Part–B. 3. Part–A includes the following: · Each Chapter is summarised in ‘Basic Concepts’. · Important NCERT Textbook and NCERT Exemplar questions have been incorporated. · Previous Years’ Questions have been added under different sections according to their marks. · Objective Type Questions have been included as per new CBSE guidelines. These include Multiple Choice Questions, Very Short Answer Questions, and Fill in the Blanks carrying 1 mark each. · Short Answer Questions carrying 2 marks each and Long Answer Questions carrying 3 marks and 5 marks have also been added. · At the end of every chapter, Self-Assessment Test has been given to test the extent of grasp by the student. 4. Part–B includes the following: · CBSE Sample Question Paper 2020 with complete solution. · Blueprint as per latest CBSE Sample Question Paper and Examination Paper 2020. · Unsolved Model Question Papers for ample practice by the student. · Solved CBSE Examination Papers 2020 (55/1/1), (55/1/2) and (55/1/3). · Solved sets of remaining four regions’ CBSE Examination Papers are given in QR code.

Shares advice for transitioning away from unfulfilling jobs to embark on adventurous, meaningful careers, outlining recommendations for starting a personal business with a minimum of time and investment while turning ideas into higher income levels. 60,000 first printing.

"This book explores the latest advances in network forensics and analysis techniques. It explores topics such as network security: attacks and controls, analysis of attacks, defenses, and countermeasures, anonymity, privacy, id theft and ethics, dependability and security forensics, denial-of-service, and botnet analysis, detection, and mitigation"--

This book constitutes the refereed proceedings of the 17th Conference on Artificial Intelligence in Medicine, AIME 2019, held in Poznan, Poland, in June 2019. The 22 revised full and 31 short papers presented were carefully reviewed and selected from 134 submissions. The papers are organized in the following topical sections: deep learning; simulation; knowledge representation; probabilistic models; behavior monitoring; clustering, natural language processing, and decision support; feature selection; image processing; general machine learning; and unsupervised learning.

This book constitutes the refereed proceedings of the International Conference on Advances in Information Technology and Mobile Communication, AIM 2011, held at Nagpur, India, in April 2011. The 31 revised full papers presented together with 27 short papers and 34 poster papers were carefully reviewed and selected from 313 submissions. The papers cover all current issues in theory, practices, and applications of Information Technology, Computer and Mobile Communication Technology and related topics.

Exam Preparatory Material Answers from the CBSE Marking Scheme up to March 2020 Exam

with detailed explanations as per the word limit to score full marks in exam. Answering Tips & Commonly Made Errors for clearer thinking. Self-Study Mode Fifteen Sample Question Papers covering important concepts from an examination perspective (1-5 solved and 6-15 for Self-Assessment) All-in-One On tips notes, Mind Maps & Grammar charts facilitate quick revision of chapters NCERT videos for digital learning. Latest CBSE Curriculum Strictly based on the latest & reduced CBSE for Academic Year 2020-2021, for class 12th following the latest NCERT Textbook Latest Typology OF Questions Objective Type Questions & latest Visual Case Study based Questions included as per the latest design of the question paper 2020 issued by CBSE on 9th October 2020. • Exam-targeted, 5 solved & 5 Self-Assessment papers with Hints • All CBSE-specified typologies of questions • Answers follow Board Marking Scheme and word limit • Polish concepts with 'Answering Tips' • Learn more with 'Mind Maps' • Clarify doubts with 'Oswaal Grammar Charts' • QR codes for quick revision on mobiles/tablets

The book presents new approaches and methods for solving real-world problems. It highlights, in particular, innovative research in the fields of Cognitive Informatics, Cognitive Computing, Computational Intelligence, Advanced Computing, and Hybrid Intelligent Models and Applications. New algorithms and methods in a variety of fields are presented, together with solution-based approaches. The topics addressed include various theoretical aspects and applications of Computer Science, Artificial Intelligence, Cybernetics, Automation Control Theory, and Software Engineering.

Like electricity and water, data and computing power are necessary commodities in the modern-day economy. A model for the effective regulation and provisioning of computational services will follow a similar paradigm as the existent model for traditional utilities. Emerging Research Surrounding Power Consumption and Performance Issues in Utility Computing explores methods of treating computing resources and materials as a standard utility, charging customers based on their usage and promoting competition among service providers. Including both benefits and hindrances, as well as theoretical concepts and practical considerations, this book provides an in-depth discussion of the utility computing paradigm for computer engineers, service providers, consumers, and academics in the field of computer science. This book includes emerging research on subjects including, but not limited to, Graphical Processing Unit (GPU) architectures, green computing, VMware, and device manufacturing techniques.

The book presents new approaches and methods for solving real-world problems. It offers, in particular, exploratory research that describes novel approaches in the fields of Cognitive Informatics, Cognitive Computing, Computational Intelligence, Advanced Computing, Hybrid Intelligent Models and Applications. New algorithms and methods in a variety of fields are also presented, together with solution-based approaches. The topics addressed include various theoretical aspects and applications of Computer Science, Artificial Intelligence, Cybernetics, Automation Control Theory and Software Engineering.

Developed by experienced professionals from reputed civil services coaching institutes and recommended by many aspirants of Civil Services Preliminary exam, General Studies Paper - I contains Precise and Thorough Knowledge of Concepts and Theories essential to go through the prestigious exam. Solved Examples are given to explain all the concepts for thorough learning. Explanatory Notes have been provided in every chapter for better understanding of the problems asked in the exam. #v&spublishers

Sustainable management of natural resources is an urgent need, given the changing climatic conditions of Earth systems. The ability to monitor natural resources precisely and accurately is increasingly important. New and advanced remote sensing tools and techniques are continually being developed to monitor and manage natural resources in an effective way. Remote sensing technology uses electromagnetic sensors to record, measure and monitor even small variations in natural resources. The addition of new remote sensing datasets,

processing techniques and software makes remote sensing an exact and cost-effective tool and technology for natural resource monitoring and management. Advances in Remote Sensing for Natural Resources Monitoring provides a detailed overview of the potential applications of advanced satellite data in natural resource monitoring. The book determines how environmental and - ecological knowledge and satellite-based information can be effectively combined to address a wide array of current natural resource management needs. Each chapter covers different aspects of remote sensing approach to monitor the natural resources effectively, to provide a platform for decision and policy. This important work: Provides comprehensive coverage of advances and applications of remote sensing in natural resources monitoring Includes new and emerging approaches for resource monitoring with case studies Covers different aspects of forest, water, soil- land resources, and agriculture Provides exemplary illustration of themes such as glaciers, surface runoff, ground water potential and soil moisture content with temporal analysis Covers blue carbon, seawater intrusion, playa wetlands, and wetland inundation with case studies Showcases disaster studies s

#1 Wall Street Journal Best Seller USA Today Best Seller Amazon Best Book of the Year TED Talk sensation - over 3 million views! The counterintuitive approach to achieving your true potential, heralded by the Harvard Business Review as a groundbreaking idea of the year. The path to personal and professional fulfillment is rarely straight. Ask anyone who has achieved his or her biggest goals or whose relationships thrive and you'll hear stories of many unexpected detours along the way. What separates those who master these challenges and those who get derailed? The answer is agility—emotional agility. Emotional agility is a revolutionary, science-based approach that allows us to navigate life's twists and turns with self-acceptance, clear-sightedness, and an open mind. Renowned psychologist Susan David developed this concept after studying emotions, happiness, and achievement for more than twenty years. She found that no matter how intelligent or creative people are, or what type of personality they have, it is how they navigate their inner world—their thoughts, feelings, and self-talk—that ultimately determines how successful they will become. The way we respond to these internal experiences drives our actions, careers, relationships, happiness, health—everything that matters in our lives. As humans, we are all prone to common hooks—things like self-doubt, shame, sadness, fear, or anger—that can too easily steer us in the wrong direction. Emotionally agile people are not immune to stresses and setbacks. The key difference is that they know how to adapt, aligning their actions with their values and making small but powerful changes that lead to a lifetime of growth. Emotional agility is not about ignoring difficult emotions and thoughts; it's about holding them loosely, facing them courageously and compassionately, and then moving past them to bring the best of yourself forward. Drawing on her deep research, decades of international consulting, and her own experience overcoming adversity after losing her father at a young age, David shows how anyone can thrive in an uncertain world by becoming more emotionally agile. To guide us, she shares four key concepts that allow us to acknowledge uncomfortable experiences while simultaneously detaching from them, thereby allowing us to embrace our core values and adjust our actions so they can move us where we truly want to go. Written with authority, wit, and empathy, Emotional Agility serves as a road map for real behavioral change—a new way of acting that will help you reach your full potential, whoever you are and whatever you face.

Digital technologies are spreading rapidly, but digital dividends--the broader benefits of faster growth, more jobs, and better services--are not. If more than 40 percent of adults in East Africa pay their utility bills using a mobile phone, why can't others around the world do the same? If 8 million entrepreneurs in China--one third of them women--can use an e-commerce platform to export goods to 120 countries, why can't entrepreneurs

elsewhere achieve the same global reach? And if India can provide unique digital identification to 1 billion people in five years, and thereby reduce corruption by billions of dollars, why can't other countries replicate its success? Indeed, what's holding back countries from realizing the profound and transformational effects that digital technologies are supposed to deliver? Two main reasons. First, nearly 60 percent of the world's population are still offline and can't participate in the digital economy in any meaningful way. Second, and more important, the benefits of digital technologies can be offset by growing risks. Startups can disrupt incumbents, but not when vested interests and regulatory uncertainty obstruct competition and the entry of new firms. Employment opportunities may be greater, but not when the labor market is polarized. The internet can be a platform for universal empowerment, but not when it becomes a tool for state control and elite capture. The World Development Report 2016 shows that while the digital revolution has forged ahead, its 'analog complements'--the regulations that promote entry and competition, the skills that enable workers to access and then leverage the new economy, and the institutions that are accountable to citizens--have not kept pace. And when these analog complements to digital investments are absent, the development impact can be disappointing. What, then, should countries do? They should formulate digital development strategies that are much broader than current information and communication technology (ICT) strategies. They should create a policy and institutional environment for technology that fosters the greatest benefits. In short, they need to build a strong analog foundation to deliver digital dividends to everyone, everywhere.

A superior primer on software testing and quality assurance, from integration to execution and automation This important new work fills the pressing need for a user-friendly text that aims to provide software engineers, software quality professionals, software developers, and students with the fundamental developments in testing theory and common testing practices. *Software Testing and Quality Assurance: Theory and Practice* equips readers with a solid understanding of: Practices that support the production of quality software Software testing techniques Life-cycle models for requirements, defects, test cases, and test results Process models for units, integration, system, and acceptance testing How to build test teams, including recruiting and retaining test engineers Quality Models, Capability Maturity Model, Testing Maturity Model, and Test Process Improvement Model Expertly balancing theory with practice, and complemented with an abundance of pedagogical tools, including test questions, examples, teaching suggestions, and chapter summaries, this book is a valuable, self-contained tool for professionals and an ideal introductory text for courses in software testing, quality assurance, and software engineering.

A renowned business tycoon goes missing for two years only to be found dead in an unknown Himalayan cave. His wife, who was supposedly dead years before he goes missing is also found in the same cave alive, unconscious and pregnant. Few unknown dead bodies were also found in the surrounding areas. A half burnt pen drive is also found in there but it is difficult to retrieve any data from it. On interrogation, the business tycoon's wife says that she had lost her memory but probably she is lying in order to hide something. A gripping romantic thriller that not only keeps you guessing until the very end but also provides you with a beautiful morale at the end depicting love in an unique manner.

The world's most popular spreadsheet program is now more powerful than ever, but it's also more complex. That's where this Missing Manual comes in. With crystal-clear explanations and hands-on examples, Excel 2013: The Missing Manual shows you how to master Excel so you can easily track, analyze, and chart your data. You'll be using new features like PowerPivot and Flash Fill in no time. The important stuff you need to know: Go from novice to ace. Learn how to analyze your data, from writing your first formula to charting your results. Illustrate trends. Discover the clearest way to present your data using Excel's new Quick Analysis feature. Broaden your analysis. Use pivot tables, slicers, and timelines to examine your data from different perspectives. Import data. Pull data from a variety of sources, including website data feeds and corporate databases. Work from the Web. Launch and manage your workbooks on the road, using the new Excel Web App. Share your worksheets. Store Excel files on SkyDrive and collaborate with colleagues on Facebook, Twitter, and LinkedIn. Master the new data model. Use PowerPivot to work with millions of rows of data. Make calculations. Review financial data, use math and scientific formulas, and perform statistical analyses.

This volume offers a detailed and comprehensive analysis of Endocrine Disrupting Chemicals (EDCs), covering their occurrence, exposure to humans and the mechanisms that lead to the pathogenesis of EDCs-induced metabolic disorders. The book is divided into three parts. Part I describes the physiology of the human endocrine system, with special emphasis on various types of metabolic disorders along with risk factors that are responsible for the development of these disorders. Part II addresses all aspects of EDCs, including their role in the induction of various risk factors that are responsible for the development of metabolic disorders. Part III covers up-to-date environmental regulatory considerations and treatment strategies that have been adopted to cure and prevent EDCs-induced metabolic disorders. This section will primarily appeal to clinicians investigating the causes and treatment of metabolic disorders. The text will also be of interest to students and researchers in the fields of Environmental Pharmacology and Toxicology, Environmental Pollution, Pharmaceutical Biochemistry, Biotechnology, and Drug Metabolism/Pharmacokinetics.

1. This book deals with CBSE New Pattern Mathematics for Class 10 2. It is divided into 8 chapters as per Term 1 Syllabus 3. Quick Revision Notes covering all the Topics of the chapter 4. Carries all types of Multiple Choice Questions (MCQs) 5. Detailed Explanation for all types of questions 6. 3 practice papers based on entire Term 1 Syllabus with OMR Sheet With the introduction of new exam pattern, CBSE has introduced 2 Term Examination Policy, where; Term 1 deals with MCQ based questions, while Term 2 Consists of Subjective Questions. Introducing, Arihant's "CBSE New Pattern Series", the first of its kind providing the complete emphasize on Multiple Choice Questions which are designated in TERM 1 of each subject from Class 9th to 12th. Serving as a new preparatory guide, here's presenting the all new edition of "CBSE New Pattern Mathematics for Class 10 Term 1" that is designed to cover all the Term I chapters as per rationalized syllabus in a Complete & Comprehensive form. Focusing on the MCQs, this book divided the first have syllabus of Mathematics into 8 chapters giving the complete coverage. Quick Revision Notes are covering all the Topics of the chapter. As per the prescribed pattern by the board, this book carries all types of Multiple Choice Questions (MCQs) including; Assertion – Reasoning Based

MCQs and Cased MCQs for the overall preparation. Detailed Explanations of the selected questions help students to get the pattern and questions as well. Lastly, 3 Practice Questions are provided for the revision of the concepts. TOC Real Number, Polynomials, Pair of Linear Equations in Two Variables, Coordinate Geometry, Triangles, Introduction to Trigonometry, Areas Related to Circles, Probability, Practice Papers (1-3)

"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

The international multi-topic conference IMTIC 2008 was held in Pakistan during April 11–12, 2008. It was a joint venture between Mehran University, Jamshoro, Sindh and Aalborg University, Esbjerg, Denmark. Apart from the two-day main event, two workshops were also held: the Workshop on Creating Social Semantic Web 2.0 Information Spaces and the Workshop on Wireless Sensor Networks. Two hundred participants registered for the main conference from 24 countries and 43 papers were presented; the two workshops had overwhelming support and over 400 delegates registered. IMTIC 2008 served as a platform for international scientists and the engineering community in general, and in particular for local scientists and the engineering community to share and cooperate in various fields of interest. The topics presented had a reasonable balance between theory and practice in multidisciplinary topics. The conference also had excellent topics covered by the keynote speeches keeping in view the local requirements, which served as a stimulus for students as well as experienced participants. The Program Committee and various other committees were experts in their areas and each paper went through a double-blind peer review process. The conference received 135 submissions of which only 46 papers were selected for presentation: an acceptance rate of 34%.

A book on Computers

Unlock the groundbreaking advances of deep learning with this extensively revised new edition of the bestselling original. Learn directly from the creator of Keras and master practical Python deep learning techniques that are easy to apply in the real world. In *Deep Learning with Python, Second Edition* you will learn: Deep learning from first principles Image classification and image segmentation Timeseries forecasting Text classification and machine translation Text generation, neural style transfer, and image generation *Deep Learning with Python* has taught thousands of readers how to put the full capabilities of deep learning into action. This extensively revised second edition introduces deep learning using Python and Keras, and is loaded with insights for both novice and experienced ML practitioners. You'll learn practical techniques that are easy to apply in the real world, and important theory for perfecting neural networks. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Recent innovations in deep learning unlock exciting new software capabilities like automated language

translation, image recognition, and more. Deep learning is quickly becoming essential knowledge for every software developer, and modern tools like Keras and TensorFlow put it within your reach—even if you have no background in mathematics or data science. This book shows you how to get started. About the book *Deep Learning with Python, Second Edition* introduces the field of deep learning using Python and the powerful Keras library. In this revised and expanded new edition, Keras creator François Chollet offers insights for both novice and experienced machine learning practitioners. As you move through this book, you'll build your understanding through intuitive explanations, crisp illustrations, and clear examples. You'll quickly pick up the skills you need to start developing deep-learning applications. What's inside

Deep learning from first principles
Image classification and image segmentation
Time series forecasting
Text classification and machine translation
Text generation, neural style transfer, and image generation

About the reader
For readers with intermediate Python skills. No previous experience with Keras, TensorFlow, or machine learning is required.

About the author
François Chollet is a software engineer at Google and creator of the Keras deep-learning library.

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- 1 What is deep learning?
- 2 The mathematical building blocks of neural networks
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The present book is specially published for the aspirants of 'B.Com (Hons) Common Entrance Test' organised by the Guru Gobind Singh Indraprastha University, Delhi. Based on the current exam pattern, the book comprises Specialized Study and Practice Material to make readers familiar with the exam pattern and the type of questions asked. Detailed Explanatory Answers have also been provided for Selected Questions for Better Understanding of readers. The book contains ample amount of Study and Practice Material comprising numerous solved MCQs on all the subjects & topics important from the point of view of the exam. All the Practice questions have been solved by respective subject-experts with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Institution leading you to a Successful Career.

The present mentoring book has been specially published for the aspirants of UGC-NET Yoga (Paper-II) for Eligibility to JRF and Assistant Professor positions. The book covers all important and relevant Chapters & Topics at appropriate length along with exhaustive exercises Solved by Experts. To enable you to be well-conversant with the exam-pattern, the book is well-equipped with Solved Previous Years' Papers. Intensive Practice of Actual Exam-style Questions & numerous Practice Questions, modelled on Previous Years' Papers, will immensely help you Sharpen your Problem Solving Skills and face the National Eligibility Test Confidently. While the specialised study material of this book is aimed to prepare you for the NET, your due diligence and practice with this, will definitely ensure you success in your pursuit.

- Strictly as per the new term wise syllabus for Board Examinations to be held in the academic session 2021-22 for class 12
- Multiple Choice Questions based on new typologies introduced by the board- I. Stand- Alone MCQs, II. MCQs based on Assertion-Reason III. Case-based MCQs.
- Include Questions from CBSE official Question Bank released in April 2021
- Answer key with Explanations

1. This book deals with CBSE New Pattern Mathematics for Class 11 2. It is divided into 7 chapters as per Term 1 Syllabus 3. Quick Revision Notes covering all the Topics of the chapter 4. Carries all types of Multiple Choice Questions (MCQs) 5. Detailed Explanation for all types of questions 6. 3 practice papers based on entire Term 1 Syllabus with OMR Sheet With the introduction of new exam pattern, CBSE has introduced 2 Term Examination Policy, where; Term 1 deals with MCQ based questions, while Term 2 Consists of Subjective Questions. Introducing, Arihant's "CBSE New Pattern Series", the first of its kind providing the complete emphasize on Multiple Choice Questions which are designated in TERM 1 of each subject from Class 9th to 12th. Serving as a new preparatory guide, here's presenting the all new edition of "CBSE New Pattern Mathematics for Class 11 Term 1" that is designed to cover all the Term I chapters as per rationalized syllabus in a Complete & Comprehensive form. Focusing on the MCQs, this book divided the first have syllabus of Mathematics into 7 chapters giving the complete coverage. Quick Revision Notes are covering all the Topics of the chapter. As per the prescribed pattern by the board, this book carries all types of Multiple Choice Questions (MCQs) including; Assertion – Reasoning Based MCQs and Cased MCQs for the overall preparation. Detailed Explanations of the selected questions help students to get the pattern and questions as well. Lastly, 3 Practice Questions are provided for the revision of the concepts. TOC Sets, Relations and Functions, Complex Numbers, Sequence and Series, Straight Lines, Limits, Statistics, Practice Papers (1-3).

This complete guide to setting up and running a TCP/IP network is essential for network administrators, and invaluable for users of home systems that access the Internet. The book starts with the fundamentals -- what protocols do and how they work, how addresses and routing are used to move data through the network, how to set up your network connection -- and then covers, in detail, everything you need to know to

exchange information via the Internet. Included are discussions on advanced routing protocols (RIPv2, OSPF, and BGP) and the gated software package that implements them, a tutorial on configuring important network services -- including DNS, Apache, sendmail, Samba, PPP, and DHCP -- as well as expanded chapters on troubleshooting and security. TCP/IP Network Administration is also a command and syntax reference for important packages such as gated, pppd, named, dhcpd, and sendmail. With coverage that includes Linux, Solaris, BSD, and System V TCP/IP implementations, the third edition contains: Overview of TCP/IP Delivering the data Network services Getting startedM Basic configuration Configuring the interface Configuring routing Configuring DNS Configuring network servers Configuring sendmail Configuring Apache Network security Troubleshooting Appendices include dip, pppd, and chat reference, a gated reference, a dhcpd reference, and a sendmail reference This new edition includes ways of configuring Samba to provide file and print sharing on networks that integrate Unix and Windows, and a new chapter is dedicated to the important task of configuring the Apache web server. Coverage of network security now includes details on OpenSSH, stunnel, gpg, iptables, and the access control mechanism in xinetd. Plus, the book offers updated information about DNS, including details on BIND 8 and BIND 9, the role of classless IP addressing and network prefixes, and the changing role of registrars. Without a doubt, TCP/IP Network Administration, 3rd Edition is a must-have for all network administrators and anyone who deals with a network that transmits data over the Internet.

Solutions of I.C.S.E. O.P. Malhotra(S.Chand) For Class 10th for 2022 Examination. Metal-Organic Frameworks (MOFs) are crystalline compounds consisting of rigid organic molecules held together and organized by metal ions or clusters. Special interests in these materials arise from the fact that many are highly porous and can be used for storage of small molecules, for example H₂ or CO₂. Consequently, the materials are ideal candidates for a wide range of applications including gas storage, separation technologies and catalysis. Potential applications include the storage of hydrogen for fuel-cell cars, and the removal and storage of carbon dioxide in sustainable technical processes. MOFs offer the inorganic chemist and materials scientist a wide range of new synthetic possibilities and open the doors to new and exciting basic research. Metal-Organic Frameworks Materials provides a solid basis for the understanding of MOFs and insights into new inorganic materials structures and properties. The volume also reflects progress that has been made in recent years, presenting a wider range of new applications including state-of-the-art developments in the promising technology for alternative fuels. The comprehensive volume investigates structures, symmetry, supramolecular chemistry, surface engineering, recognition, properties, and reactions. The content from this book will be added online to the Encyclopedia of Inorganic and Bioinorganic Chemistry: <http://www.wileyonlinelibrary.com/ref/eibc>

This book comprehensively reviews drug stability and chemical kinetics: how external factors can influence the stability of drugs, and the reaction rates that trigger these effects. Explaining the important theoretical concepts of drug stability and chemical kinetics, and providing numerous examples in the form of illustrations, tables and calculations, the book helps readers gain a better understanding of the rates of reactions, order of reactions, types of degradation and how to prevent it, as well as

types of stability studies. It also offers insights into the importance of the rate at which the drug is degraded and/or decomposed under various external and internal conditions, including temperature, pH, humidity and light. This book is intended for researchers, PhD students and scientists working in the field of pharmacy, pharmacology, pharmaceutical chemistry, medicinal chemistry and biopharmaceutics. The present book is specially published for the aspirants of 'Bachelor of Business Administration (BBA)' Common Entrance Test (CET) organised by the Guru Gobind Singh Indraprastha University, Delhi. Based on the current exam pattern, the book comprises Solved Previous Years' Papers for aspirants to make them familiar with the exam pattern and the type of questions asked, and their answers. Detailed Explanation have also been provided for Selected Questions. The book contains ample amount of Study and Practice Material comprising numerous solved MCQs on all the subjects & topics important from the point of view of the exam. All the Practice questions have been solved by respective subject-experts with due diligence. To an earnest reader the book will definitely prove very useful for study, self-practice, and during the precious moments before the exam for reference and revision. The book is highly recommended for the aspirants to Sharpen their Problem Solving Skills with intensive practice of actual exam-style questions and numerous practice questions provided in the book, and prepare themselves to face the exam with Confidence, Successfully. While the specialized study and practice material of this book Paves the Way for your Success, your own intelligent study and intensive practice with this will definitely ensure you a Well-deserved Entry into the Prestigious Institution leading you to a Successful Career.

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