

## Pgdca Syllabus 1st Sem

Understanding UNIX introduces the UNIX operating system, providing a basic understanding of its architecture and operating principles. Rather than attempting to explain all the uses of each command, the book concentrates on the most practical commands and options. It gives all the necessary information to set up, use, maintain, and optimize a UNIX system with a minimum of trouble.

What is this book about? JavaScript is the language of the Web. Used for programming all major browsers, JavaScript gives you the ability to enhance your web site by creating interactive, dynamic, and personalized pages. Our focus in this book is on client-side scripting, but JavaScript is also hugely popular as a scripting language in server-side environments, a subject that we cover in later chapters. What does this book cover? Beginning JavaScript assumes no prior knowledge of programming languages, but will teach you all the fundamental concepts that you need as you progress. After covering the core JavaScript language, you'll move on to learn about more advanced techniques, including Dynamic HTML, using cookies, debugging techniques, and server-side scripting with ASP. By the end of this book, you will have mastered the art of using JavaScript to create dynamic and professional-looking web pages.

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Here are a few of the things you'll learn in this book:

Fundamental programming concepts

Comprehensive practical tutorial in JavaScript Cross-browser scripting, including Netscape 6 Cookie creation and use Plug-ins and ActiveX controls

Dynamic HTML Scripting the W3C DOM Server-side

JavaScript with ASP Who is this book for? This book

is for anyone who wants to learn JavaScript. You will

need a very basic knowledge of HTML, but no prior

programming experience is necessary. Whether you

want to pick up some programming skills, or want to

find out how to transfer your existing programming

knowledge to the Web, then this book is for you. All

you need is a text editor (like Notepad) and a

browser, and you're ready to go!

Engineering Mathematic

Engineering Mathematics

The C++ Programming Language is one of the

popular programming language that support object-

oriented programming in addition to procedural

programming. All major IT companies are using C++

language as their preferred language in

implementing substantial number of projects using

object-oriented technology. To fulfill the requirement

of these companies, all universities/institutions

offering various courses on programming with C++ in

their curriculum. This book is designed as a textbook

for the students taking these courses. Throughout

the book the level of presentation is kept simple and

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illustrative so that even and average reader can grasp the subject matter with quite ease practically this book will provide you everything you need on object-oriented programming with C++.

For a one-semester undergraduate course in operating systems for computer science, computer engineering, and electrical engineering majors.

Winner of the 2009 Textbook Excellence Award from the Text and Academic Authors Association (TAA)!

Operating Systems: Internals and Design Principles is a comprehensive and unified introduction to operating systems. By using several innovative tools, Stallings makes it possible to understand critical core concepts that can be fundamentally challenging. The new edition includes the implementation of web based animations to aid visual learners. At key points in the book, students are directed to view an animation and then are provided with assignments to alter the animation input and analyze the results.

The concepts are then enhanced and supported by end-of-chapter case studies of UNIX, Linux and Windows Vista. These provide students with a solid understanding of the key mechanisms of modern operating systems and the types of design tradeoffs and decisions involved in OS design. Because they are embedded into the text as end of chapter material, students are able to apply them right at the point of discussion. This approach is equally useful as a basic reference and as an up-to-date survey of

the state of the art.

Communication skills are therefore essential for the successful future career of a student. In today's competitive world, communication skills in business are the most sought after quality of an educated person. Reading, writing and listening carefully are the three most important communication skills for students. It thus gives me immense pleasure in bringing out the first edition of this book as per the new syllabus effective from June 2017. Great care has been taken to cover the whole syllabus concerning different aspects of Communication Skills - II as prescribed in the new curricular syllabus for Jharkhand.

This comprehensive resource, shows you everything you need to develop, compile, debug, and run Java programs. This expert guide has been updated for Java Platform Standard Edition 6 (Java SE 6) and offers complete coverage of the Java language, its syntax, keywords, and fundamental programming principles. Also find information on Java's key API libraries, learn to create applets and servlets, and use JavaBeans. The author has even included expanded coverage of Swing--the toolkit that defines the look and feel of the modern Java GUI.

The Definitive Java Programming Guide In Java: The Complete Reference, Eighth Edition, bestselling programming author Herb Schildt shows you everything you need to develop, compile, debug, and run Java programs. Updated for Java Platform, Standard Edition 7 (Java SE 7), this comprehensive volume covers the entire Java language, including its syntax, keywords, and fundamental programming principles. You'll also find information on key elements of the Java API library. JavaBeans, servlets, applets, and Swing are examined and real-world examples demonstrate Java in action. In addition, new Java SE 7 features such as try-with-

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resources, strings in switch, type inference with the diamond operator, NIO.2, and the Fork/Join Framework are discussed in detail. Coverage includes: Data types and operators Control statements Classes and objects Constructors and methods Method overloading and overriding Interfaces and packages Inheritance Exception handling Generics Autoboxing Enumerations Annotations The try-with-resources statement Varargs Multithreading The I/O classes Networking The Collections Framework Applets and servlets JavaBeans AWT and Swing The Concurrent API Much, much more

For over 25 years, C. J. Dates *An Introduction to Database Systems* has been the authoritative resource for readers interested in gaining insight into and understanding of the principles of database systems. This exciting revision continues to provide a solid grounding in the foundations of database technology and to provide some ideas as to how the field is likely to develop in the future. The material is organized into six major parts. Part I provides a broad introduction to the concepts of database systems in general and relational systems in particular. Part II consists of a careful description of the relational model, which is the theoretical foundation for the database field as a whole. Part III discusses the general theory of database design. Part IV is concerned with transaction management. Part V shows how relational concepts are relevant to a variety of further aspects of database technology—security, distributed databases, temporal data, decision support, and so on. Finally, Part VI describes the impact of object technology on database systems. This Seventh Edition of *An Introduction to Database Systems* features widely rewritten material to improve and amplify treatment o

Microsoft's Active Server Pages are dynamic Web pages that are capable of changing every time they are viewed. Using ASP is actually a fairly difficult programming task. This book

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provides a solid guide to developing ASP for use in a professional environment. CD includes all of the code that is in the book plus sample ASP applications that are ready to run.

For over 20 years, *Software Engineering: A Practitioner's Approach* has been the best selling guide to software engineering for students and industry professionals alike. The sixth edition continues to lead the way in software engineering. A new Part 4 on Web Engineering presents a complete engineering approach for the analysis, design, and testing of Web Applications, increasingly important for today's students. Additionally, the UML coverage has been enhanced and significantly increased in this new edition. The pedagogy has also been improved in the new edition to include sidebars. They provide information on relevant software tools, specific work flow for specific kinds of projects, and additional information on various topics. Additionally, Pressman provides a running case study called "Safe Home" throughout the book, which provides the application of software engineering to an industry project. New additions to the book also include chapters on the Agile Process Models, Requirements Engineering, and Design Engineering. The book has been completely updated and contains hundreds of new references to software tools that address all important topics in the book. The ancillary material for the book includes an expansion of the case study, which illustrates it with UML diagrams. The On-Line Learning Center includes resources for both instructors and students such as checklists, 700 categorized web references, Powerpoints, a test bank, and a software engineering library-containing over 500 software engineering papers.

TAKEAWY HERE IS THE FOLLOWING:1. AGILE PROCESS METHODS ARE COVERED EARLY IN CH. 42. NEW PART ON WEB APPLICATIONS --5 CHAPTERS

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The sixth edition of this most trusted book on JAVA for beginners is here with some essential updates. Retaining its quintessential style of concept explanation with exhaustive programs, solved examples, and illustrations, this text takes the journey of understanding JAVA to slightly higher level. The book introduces readers to some of the Core JAVA topics like JDBC, Java Servlets, Java Beans, Lambada Expression and much more. Practical real-life projects will give a better understanding of JAVA usage and make students industry-ready.

This textbook introduces the “Fundamentals of Multimedia”, addressing real issues commonly faced in the workplace. The essential concepts are explained in a practical way to enable students to apply their existing skills to address problems in multimedia. Fully revised and updated, this new edition now includes coverage of such topics as 3D TV, social networks, high-efficiency video compression and conferencing, wireless and mobile networks, and their attendant technologies.

Features: presents an overview of the key concepts in multimedia, including color science; reviews lossless and lossy compression methods for image, video and audio data; examines the demands placed by multimedia communications on wired and wireless networks; discusses the impact of social media and cloud computing on information sharing

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and on multimedia content search and retrieval; includes study exercises at the end of each chapter; provides supplementary resources for both students and instructors at an associated website.

Case studies implemented in several object-oriented programming languages including C++, Smalltalk, Objective-C, Actor and Object pascal.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Database Systems: The Complete Book is ideal for Database Systems and Database Design and Application courses offered at the junior, senior and graduate levels in Computer Science departments. A basic understanding of algebraic expressions and laws, logic, basic data structure, OOP concepts, and programming environments is implied. Written by well-known computer scientists, this introduction to database systems offers a comprehensive approach, focusing on database design, database use, and implementation of database applications and database management systems. The first half of the book provides in-depth coverage of databases from the point of view of the database designer, user, and application programmer. It covers the latest database standards SQL:1999, SQL/PSM, SQL/CLI, JDBC, ODL, and XML, with broader coverage of SQL than most other texts. The second half of the book provides in-depth

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coverage of databases from the point of view of the DBMS implementor. It focuses on storage structures, query processing, and transaction management. The book covers the main techniques in these areas with broader coverage of query optimization than most other texts, along with advanced topics including multidimensional and bitmap indexes, distributed transactions, and information integration techniques. Certified Internal Auditor Exam Part 1 Secrets helps you ace the Certified Internal Auditor Exam, without weeks and months of endless studying. Our comprehensive Certified Internal Auditor Exam Part 1 Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. Certified Internal Auditor Exam Part 1 Secrets includes: The 5 Secret Keys to Certified Internal Auditor Exam Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review with: Make Predictions, Answer the Question, Benchmark, Valid Information, Avoid Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate Answers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New

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Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; Comprehensive sections covering: Conventional Audit Techniques, Process Maps, Base Case System Evaluation (BCSE), Mini-max & Maxi-max Strategies, Lexicographic Method, Success-Failure Analysis, Delphi Technique, Control Charts, Attribute Sampling, Systematic Sampling, Tagging & Transporting Evidence., Net Worth Analysis, Management Fraud, Computer Forensics, Benchmarking, Business Process Reengineering (BPR), Consolidated Omnibus Budget Reconciliation Act (COBRA), Hazard Communications Standards, Environmental Risks Assessments, Audit Objectives, Environmental Liability Accrual audits, Electronic Data Interchange (EDI) System, IT Operations, Assessing Firewalls, Security Controls, Network Management System, Software Acquisition, and much more...

This book is useful for IGNOU BCA & MCA students. A perusal of past questions papers gives an idea of the type of questions asked, the paper pattern and so on, it is for this benefit, we provide these IGNOU MCS-013: Discrete Mathematics Notes. Students are advised to refer these solutions in conjunction with their reference books. It will help you to improve your exam preparations. This book covers Discrete

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Mathematical Structures, Formal Methods:

Introduction and Analogy, Abstraction.

Fundamentals: Sets & Relations- Sets, Types of Sets, Multi Sets, Operations on Sets, Relations and Properties of Relations, Representation of Relations,

Equivalence Relation, Closures of Relations,

Methods of Proof-Direct Proofs, Indirect Proofs, Mathematical Induction, Method of Contradiction.

Combinatorics: Permutations and Combinations, Pigeon Hole Principle, Principle of Inclusion and Exclusion, Generating Functions. Mathematical

Logic, Posets and Lattices: Partial Order Set,

Bounding Elements, Well Ordered Set, Topological

Sorting, Lattices, Principle of Duality, Bounded,

Distributed, and Complemented Lattices, Proposition

and Propositional Calculus. Graphs and Group

Theory: Basic Introduction of Graphs- Types of

Graphs, Path and Circuits, Eulerian Path and

Circuits, Hamiltonian Path and Circuits, Shortest

Path Algorithms, Group. Definitions and Properties,

Coset & Subgroup, Normal subgroup,

Homomorphism of groups, Cyclic Group,

Permutation Group. Finite State Machines and

Languages: Grammar and Languages- Phrase

structure Grammar, Types of Grammars and

Languages, Finite State Machines and Languages,

Minimization of Finite State Machines. Published by

MeetCoogle

An overview of the programming language's fundamentals

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covers syntax, initialization, implementation, classes, error handling, objects, applets, multiple threads, projects, and network programming.

For the user who would rather program in C than do practically anything else, the book has finally arrived. Born to Code in C covers interesting and timely C programming aspects, while presenting extensive coding examples for each.

NOTE: This title is also available as a free eBook. It is offered for sale in print format as a convenience. Get a head start evaluating Windows 8.1 - with early technical insights from award-winning journalist and Windows expert Ed Bott. Based on the Windows 8.1 Preview release, this guide introduces new features and capabilities, with scenario-based advice on how Windows 8.1 can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Preview new features and enhancements, including: How features compare to Windows 7 and Windows XP The Windows 8.1 user experience Deployment Security features Internet Explorer 11 Delivering Windows apps Recovery options Networking and remote access Managing mobile devices Virtualization Windows RT 8.1 Software -- Operating Systems.

This Thoughtfully Organized Book Has Been Designed To Provide Its Readers With A Sound Foundation Of Computers And Information Technology. The Number Of Chapters, Chapter Topics, And The Contents Of Each Chapter Have Been Carefully Chosen To Introduce The Readers To All Important Concepts Through A Single Book. Each Chapter Addresses The Fundamental Concepts, Popular Technologies, And Current State-Of-The-Art Topics. Complete With Numerous Illustrations And Examples, Chapter Summaries, End-Of-Chapter Questions, And A Glossary Of Important Terms, Foundations Of Computing Is

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Designed To Serve As An Ideal Textbook For Various Courses Offered In Computer Science, Information Technology, And Other Related Areas. You Will Find Sufficient Coverage Of All Major Topics In The Field, Including Several New And Advanced Topics, Such As: Software Engineering, Object-Oriented Programming, Network, Distributed, And Real-Time Operating Systems, Unix, Windows, And Linux Operating Systems, Relational, Object-Oriented, And Multimedia Databases, Data Warehousing And Data Mining, Information Security In Computer Systems, Multimedia Computing Systems And Applications, Wireless Networks, The Internet, And Many More&..

This book "discusses advanced features of software applications, a section which has been thoroughly expanded for this new edition, as well as software customisation, systems administration, client support, production of technical and training documentation, and researching and implementing new technology." --- back cover.

VB Programmers: Get in Step with .NET With the introduction of Visual Basic .NET, VB transcends its traditional second-class status to become a full-fledged citizen of the object-oriented programming, letting you access the full power of the Windows platform for the first time. Written by the author of the best-selling Mastering Visual Basic 6 this all-new edition is the resource you need to make a successful transition to .NET. Comprising in-depth explanations, practical examples, and handy reference information, its coverage includes:

- Mastering the new Windows Forms Designer and controls
- Building dynamic forms
- Using powerful Framework classes such as ArrayLists and HashTables
- Persisting objects to disk files
- Handling graphics and printing
- Achieving robustness via structured exception handling and debugging
- Developing your own classes and extending existing ones via inheritance

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Building custom Windows controls Building menus and list controls with custom-drawn items Using ADO.NET to build disconnected, distributed applications Using SQL queries and stored procedures with ADO.NET Facilitating database programming with the visual database tools Building web applications with ASP.NET and the rich web controls Designing web applications to access databases Using the DataGrid and DataList web controls Building XML web services to use with Windows and web applications Special topics like the Multiple Document Interface and powerful recursive programming techniques Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This complete training package makes learning the new Office 2013 even easier! Featuring both a video training DVD and a full-color book, this training package is like having your own personal instructor guiding you through each lesson of learning Office 2013, all while you work at your own pace. The self-paced lessons allow you to discover the new features and capabilities of the new Office suite. Each lesson includes step-by-step instructions and lesson files, and provides valuable video tutorials that complement what you're learning and clearly demonstrate how to do tasks. This essential training package takes you well beyond the basics in a series of short, easy-to-absorb lessons. Takes you from the basics through intermediate level topics and helps you find the information you need in a clear, approachable manner Walks you through numerous lessons, each consisting of easy-to-follow, step-by-step instructions in full color that make each task less intimidating Covers exciting new features of Office 2013 applications: Word, Excel, PowerPoint, Outlook, and Publisher Features a companion DVD that includes lesson files and video tutorials for a complete training experience Shares additional resources

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available on companion website:

[www.digitalclassroombooks.com](http://www.digitalclassroombooks.com) This all-in-one, value-packed combo teaches you all you need to know to get confidently up and running with the new Office 2013 suite!

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