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# Bpb Publications Satish Jain

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**YAMILET OLSEN**  
Jain

2021-02-05

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*Data Communication and Networking*  
BPB Publications

This book offers a holistic approach to the Internet of Things (IoT) model, covering both the technologies and their applications, focusing on uniquely identifiable objects and their virtual representations in an Internet-like structure. The authors add to the rapid growth in research on IoT communications and networks, confirming the scalability and broad reach of the core concepts. The book is filled with examples of innovative applications and real-world case studies. The authors also address the business, social, and legal aspects of the Internet of Things and explore the critical topics of security and privacy and their challenges for both individuals and organizations. The contributions are from international experts in academia,

industry, and research.

### **Computer Science With Python Language Made Simple SKJ**

Technologies

In an easy-to-understand language, this step-by-step book provides detailed explanations of computer fundamentals, operating systems, the internet, and the Office 2016 software package. --

Mobile Phone Programming Using Java  
Me (J2ME) BPB Publications

Contents : Chapter 1: Logic Circuits and Number Systems Chapter 2: Flip-Flop Devises Chapter 3: Karnaugh Mapping, Adders, Multiplexer and Demultiplexer Chapter 4: Registers and Counters Chapter 5: Digital IC Logic Families Chapter 6: Semiconductor Memory Chapter 7: Multivibrators Chapter 8: Microprocessors Chapter 9: Architecture

of 8086 Microprocessor and  
Microcontroller Chapter 10: Assembly  
Language Programming

*COURSE ON COMPUTER CONCEPTS  
MADE SIMPLE.* Cambridge University  
Press

This Book Describes, In Easy Language,  
Building Blocks For Computer, Register  
Transfer Language And Architecture Of A  
Simple Processor. Cpu Organization,  
Assembly Language Programs And  
Arithmetic Algorithms Are All Explained  
In Such A Manner, That Students Of All  
Streams Can Understand Technical  
Subjects Very Easily. Special Features Of  
The Book Are: Combinational Circuits,  
Sequential Circuits, Registers, Counters,  
Etc. Are Explained In Detail For Building  
Strong Fundamentals. Concepts Of  
Microoperations Are Given With Suitable

Examples. Different Kind Of Interrupts  
Are Illustrated For Easy Grasp Of The  
Subject Matter. Each Assembly Language  
Program Is First Explained With A  
Flowchart And Then Written Using  
Mnemonics For Clear Understanding.  
Associative, Cache And Virtual Memory  
Organization Form The Backbone Of  
Computer Architecture. All These Are  
Explained Using Illustrative Diagrams. Set  
Of Questions With Answers Is Added At  
The End Of Each Chapter. Comprehensive  
Glossary And Index Included For Easy  
Access To Numerous Terms Needed For  
Understanding The Subject. Embedded  
System And Its Comparison With Pc Is  
Added For Ready Reference. System  
Programming Is Introduced For Better  
Understanding Of Computer  
Architecture.

**BPB COMPUTER COURSE-WIN**

**10/OFFICE 2016** Springer Nature  
 The Book Is Designed To Give You An Insight Into The Art And Science Of Information Technology (It). The Book Does Not Demand Any Special Background To Comprehend The Subject Matter. The Book Covers The Topics Related To Hardware, Software, Programming Languages, Operating System As Well As Binary And Other Number Systems Used In Digital Computers. The Impact Of It On Society And Its Applications Are Also Discussed In A Simple And Lucid Manner. The Book Explains Ms-Word, Ms-Excel And Ms-Powerpoint 2000 Versions As Per The Syllabus In A Very Simple Language, Illustrating With Many Screens. Special Features Of The Book Are: Detailed

Exposition Of Elements Of Computer System, And Application Packages Effectively Illustrated. Elements And Usage Of Windows And Linux Operating Systems Are Described In A Layman'S Language And Using Ample Number Of Illustrations. A Set Of Sample Papers On The Pattern Of Doeacc Past Examinations Are Included At The End Of The Book. Comprehensive Glossary And Index Are Added For Easy Access To Numerous Terms Needed For Understanding The Subject And Finding Answers To Objective Type Of Questions. *Computer Organization and Architecture* Laxmi Publications  
 This guide is a step-by-step training manual for learning a very versatile and useful Graphic package namely CorelDRAW Graphics Suite X8. The book

begins with the basics of CorelDRAW in Chapter 1 and 2. Chapter 3 explains the making of basic drawing, as well as the artistic media tools. Chapter 4 covers advanced drawing to work with basic tools and shapes such as grouping, ungrouping, aligning and distribute objects. Chapter 5 and 6 explain Paragraph text editing, artistic text and its formatting. Chapter 7 deals with Layers and Symbols. Chapter 8 and 9 describe the Outline tool and Fill tool. These tools are useful for giving different artistic impact to the graphic objects. Chapter 10 enables you to deal with Interactive tools and the way CorelDRAW Graphics Suite X8 manages them. Chapter 11 explains the power of editing and manipulating images with ease. Chapter 12 deals with page layout

and last Chapter deals with printing and publishing a document. The notable features of this training guide are: Detailed exposition of basic and advanced tools available in this graphics package. Step-by-step description of various commands and managing long documents. Different types of text styles are described using different methods. Importing and Exporting of graphic documents are explained in detail. O LEVEL MADE SIMPLE PROGRAMMING & PROBLEM SOLVING THROUGH 'PYTHON' LANGUAGE (M3-R5). Bpb Publication A step-by-step guide that will teach you how to use Elasticsearch in your application effectively. KEY FEATURES: Get familiar with the core concepts of Elasticsearch. Understand how the search engine

works and how Elasticsearch is different from other similar tools. \_Ê Learn to install Elasticsearch on different operating systems. \_Ê Get familiar with the components of Elastic Stack such as Kibana, Logstash, and Beats, etc. \_Ê Learn how to import data from different sources such as RDBMS, and files, etc

DESCRIPTIONÊ In the modern Information Technology age, we are flooded with loads of data so we should know how to handle those data and transform them to fetch meaningful information. This book is here to help you manage the data using Elasticsearch. The book starts by covering the fundamentals of Elasticsearch and the concept behind it. After the introduction, you will learn how to install Elasticsearch on different

platforms. You will then get to know about Index Management where you will learn to create, update, and delete Elasticsearch indices. Then you will understand how the Query DSL works and how to write some complex search queries using the Query DSL. After completing these basic features, you will move to some advanced topics. Under advanced topics, you will learn to handle Geodata which can be used to plot the data on a map. The book then focuses on Data Analysis using Aggregation.Ê You will then learn how to tune Elasticsearch performance. The book ends with a chapter on Elasticsearch administration. Ê WHAT YOU WILL LEARN ÊÊ Learn how to create and manage a cluster ÊÊ Work with different components of Elastic Stack ÊÊ Review

the list of top Information Security certifications. \_Ê Get to know more about Elasticsearch Index Management. \_Ê Understand how to improve the performance by tuning Elasticsearch ÊÊWHO THIS BOOK IS FORÊ This book is for developers, architects, DBA, DevOps, and other readers who want to learn Elasticsearch efficiently and want to apply that in their application whether it is a new one or an existing one. It is also beneficial to those who want to play with their data using Elasticsearch. Basic computer programming is a prerequisite. Ê TABLE OF CONTENTS 1 Getting started with Elasticsearch 2 Installation Elasticsearch 3 Working with Elastic Stack 4 Preparing your data 5 Importing Data into Elasticsearch 6 Managing Your Index 7 Apply Search on Your Data 8

Handling Geo with Elasticsearch 9 Aggregating Your Data 10 Improving the Performance 11 Administer Elasticsearch  
**COREL DRAW TRAINING GUIDE** BPB Publications  
 The Complete Text Book for BCA, B.E., B.Sc.(IT), MCA, MSC(IT) DOEACC 'A7' paper and other I.T. Related Examinations of the Leading Universities.This book presents a detailed discussion on Relational database and Traditional database models in easy-to-understand language.Concepts of DBMS architecture, administration and database design discussed in such a manner that students of all streams can understand this subject very easily.Properties of relational model, concept of keys, integrity rules and

stand-alone query languages are portrayed in a very comprehensive manner to build a strong foundation in relational database system. Structure Query language (SQL), Embedded SQL, relational algebra, tuple relational calculus and domain relational calculus are explained with maximum number of examples as well as with simple and complex specimen queries. A special characteristic of the book is that solved test paper is included at the end of each Chapter. Readers can evaluate their progress easily by solving these questions and comparing with the given answers. Special Features of the book are: Use of Embedded SQL and PL/SQL in application development, handling of cursors, use of API's, database connectivity through ODBC explained in

detail so that the readers will be able to develop database applications comfortably. Data definition, manipulation and control through SQL are explained using befitting examples. Fundamentals of database design, covering topics like Entity Relationship diagram, Normalization, Aggregation, functional dependencies, clustering indexing, etc. are explained in a simple manner. Advanced DBMS concepts including transaction processing, security, concurrency control, database recovery and query processing are described in such a manner that even a layman could digest these advanced topics. A set of Appendices are added giving sufficient insight into form design, report design, data validation, trouble-shooting and



documentation. Consequently, the book would also serve as a guidebook for developing DOEACC 'A' Level Project. Comprehensive glossary and index are included for easy access to numerous terms needed for understanding the subject matter and for answering the objective questions. "O" Level Made Simple BPB Publications According to DOEACC M4.1-R3 Syllabus effective from July, 2003 Examination, This book covers the entire syllabus for Module 4.1-R3 paper namely, Programming and Problem Solving through 'C' Language, in clear and simple style. Each concept in the book is illustrated with practical examples. The book elucidates both basic and advanced topics in 'C'. This book also presents a detailed discussion

on arrays, pointers and functions in a manner that students of science, art or commerce streams can understand these topics very easily. Special Features of the book are: Steps in program development are explained in easy to understand language. Programming basics such as how to use different types of controls, functions, pointers, data structures and unions are clearly presented with suitable examples. A set of review questions with answers added at the end of each chapter. Inclusion of a set of sample papers help readers to well prepare themselves before appearing for the DOEACC examination. A comprehensive index and glossary of technical terms are added for easy access and thorough understanding of the subject matter.

BPB's Computer Course Windows 10 with MS Office 2016 BPB Publications

Chapter 1: Band Theory Chapter 2: Semiconductor Materials and Rectifiers Chapter 3: Transistors Chapter 4: Logic Families, FETS and MOSFETS Chapter 5: H-Parameters and Hybrid Model for Transistor Chapter 6: Voltage, Current Sources and Theorems Chapter 7: Kirchoff's Law and Delta-Y Transformations

### **Computers In Business Management - Principles And Practice** BPB

Publications

Description This book is designed to give you an insight of the art and science of Computers. The book does not need any special background to comprehend the subject matter. The book covers the entire course contents of Computer

Science with Python Language for Class XI prescribed by Central Board of Secondary Education (C.B.S.E.) according to new Syllabus 2018-2019 onwards) in a clear and simple English language. It discusses Programming and Computational Thinking. Computer Systems and Organisation Concepts in a very comprehensive manner to build a strong foundation. The Programming methodology and Introduction to Python language are described in easy-to-understand language. Different topics such as Control structures, Strings, Lists, Dictionaries and Tuples are explained in a very easy to understand language. Programming with Python language is explained with maximum number of examples. It presents a detailed discussion of topics such as Database

Concepts, SQL, Relational Algebra, MongoDB and CyberSafety. Features Ample number of diagrams are used to illustrate the subject matter for easy understanding Solved Exercises are added at the end of each chapter so that the readers can evaluate their progress by comparing their answers with the answers given in the book. Summary and Glossary related to particular chapter are given at the end of each chapter. A Lab Exercise is added at the end of each chapter. Contents Unit-1 Programming and Computational Thinking Programming Concepts, Problem Solving Methodology and Techniques, Getting Started with Python, Data Types, Variables and Constants, Operators and Expressions, Flow of Control, Functions,

String Manipulation, List Manipulation, Dictionaries, Tuples, Exception Handling and Debugging Unit-2 Computer Systems and Organisation Basic Computer Organisation, Software Concepts, Data Representation, Boolean Algebra Unit-3 Database Management Database Management Concepts Unit-4 Society, Law and Ethics - Cyber Safety Society, Law and Ethics- Cyber Safety Summary, Glossary, Solved Exercise, Assignments Project Work, Sample Question Paper 1 & 2  
Introduction To Computer Science Volume-I Bpb Publication  
A valuable guide for new and experienced readers, featuring the complex and massive world of IoT and IoT-based solutions.  
Guide To Advanced Computer

### Networking ( Ques. & Ans.) INFORMS

Satish Jain has obtained BSc Degree from Agra University in First Division and is a gold medal winner. He obtained B.E (Electronics) degree from Indian Institute of Science, Bangalore (I.I.Sc) with distinction. He joined Air Force as Signals Officer and held different technical appointments during 21 years of service career. He was specially selected by the IAF to undergo Master of Engineering course in Aerospace Science at the I.I.Sc, Bangalore and M.Teach course in Computer Engineering at Indian Institute of Technology, Kanpur.

#### *Introductory Information Technology*

In an easy-to-understand language, this step-by-step book provides detailed explanations of computer fundamentals, operating systems, the internet, and the

Office 2016 software package. --

### **Introduction to IoT**

This book presents a detailed discussion on Network Components and Management Data Communication protocols and Filters. Different Transmission media and Networking connectivity Hardware are described with suitable figures. Network services and network security concepts are explained in simple language. Basic and advanced operating system concepts are explained in detail. Operating system security and software engineering are discussed in easy to understand language.

### **Guide To Java Programming (Ques & Ans )**

### **Adobe Pagemaker 6.5 Training Guide**

**Guide To Bpo & It Jobs (Ques & Ans)  
For Written Test & Interview**  
Introduction To Database Management

*O' Level Made Simple - Programming  
And Problems Solving Through C  
Language (M4.1-R3 & A3-R3)-2Nd Rev.  
Edn*