

Data Communications and Networking Questions and Answers

Introduction

- 1. What is meant by Data Communication and explain its characteristics?*
- 2. What are the components of Data communication?*
- 3. Explain different Data flow directions.*
- 4. What is Network and explain characteristics of Networks?*
- 5. Write about different types of connections.*
- 6. Explain different types of topologies.*
- 7. Explain different types of Networks.*
- 8. Write about Protocol and Standards.*

Network Models

- 1. Explain different layers in OSI Model.*
- 2. Explain the layers of TCP/IP model.*
- 3. Write about peer-to-peer processing.*

Data and Signals

- 1. Fundamentals of Data and Signals.*
- 2. Write about Digital Signals.*
- 3. Write about Composite Signals.*
- 4. Different methods for Digital signal transmission.*
- 5. Write about Transmission Impairments.*
- 6. Different Criteria for the performance of Networks.*

Data Communication Networking Questions Answers

Er. Aman Kumar



Data Communication Networking Questions Answers:

Data Communications and Networks James Irvine, David Harle, 2001-11-28 Data Communications and Networks uses a top down Internet focussed approach to tackle the problem of communication system design An integrated approach is taken to networks and data communications with an emphasis that starts from the top level requirements and works downwards describing how such requirements are fulfilled by lower layers of the transmission chain While the book contains sufficient detail to provide an excellent foundation clarity is paramount and care is taken not to swamp the reader with information to the point where the underlying concepts are obscured The Internet is used as the principle example of a communication system allowing the reader to follow the system from the application layers with source coding and security through the network with naming and routing algorithms down to transport and physical aspects of a communication system Modern techniques such as mobile radio Voice over IP and ASDL are covered while more traditional aspects such as circuit switching which still form a significant part of current systems are not overlooked By providing a technical introduction and including application examples this text will have significant appeal to final year students postgraduates and professionals with a science or engineering background wishing to gain a basic understanding of the key concepts behind data

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Networking and Data Communications Laboratory Manual Frances S. Grodzinsky,1999 Designed for any introductory networking or data communications course This laboratory manual is designed for the purpose of enhancing the understanding of concepts discussed in a variety of networks and data communications texts This manual represents a work of dedication and collaboration by faculty from universities and colleges across the country

Business Data Communications and Networking Jerry FitzGerald,Alan Dennis,1996 Acclaimed for its accuracy cutting edge orientation and clarity of presentation this best selling text in its new edition is better still It covers everything MIS professionals need to know about data communications and networks from hardware and network design to security and LANs

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Basic Guide to Data Communications Ray Sarch,1985 *Instructors Manual to Accompany Business Data Comm Unications* Fitzgerald,1990

A Functional Description of the Edvac [an Automatically-Sequence Serial Binary Electronic Digital Computer Moore School of Electrical Engineering,1949

Business Data Communications Jerry FitzGerald,1993-02-11 Business oriented it teaches about building and using networks The mathematics of data communications has been replaced with simple English descriptions and illustrations which show technical details or how a concept works New to this edition frame and cell relay T carriers fast packet multiplexing installing a LAN digital channel banks and cross connect switches electronic data interchange EDI and much more An extensive index makes it easy to locate anything Also includes a copious amount of new illustrations and a running case study

Basics of Data Communications Harry R. Karp,1976 *Business Data Communications* Gary B. Shelly,Thomas J. Cashman,Judy A. Serwatka,2001 Provides comprehensive coverage of fundamental data communications skills in a clear writing style Updated to include the newest network technologies such as wireless Bluetooth and SyncML initiatives Dedicated companion Web site provides access to the most current industry information The Internet chapter and

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