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Final Marks : 50

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Use of logarithmic tables and calculator is allowed.
- 4) Both the sections should be written in the same answer - book.

Q1) A) Answer the following multiple choice questions by selecting correct option from the given options (any four) **[4]**

- PTO.

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Restructuring of Library and Information Science Curriculum A. Tejomurty, 1994 Papers presented at a National Seminar on Restructuring of Library and Information Science Curriculum organized by Saurashtra University Rajkot during 14-16 December 1989 **Engineering Mathematics-I** Dr. Kailas L. Vairal, Prof. Nitin R. Kharat, Prof. Ganesh R.

More, 2024-10-30 This book is published as per the SPPU National Education Policy 2020 This book used common to all UG Engineering Programs This book will surely benefit every engineering students **Current Trends in the Representation of Physical Processes in Weather and Climate Models** David A. Randall, J. Srinivasan, Ravi S. Nanjundiah, Parthasarathi Mukhopadhyay, 2019-01-31 This book focuses on the development of physical parameterization over the last 2 to 3 decades and provides a roadmap for its future development It covers important physical processes convection clouds radiation land surface and the orographic effect The improvement of numerical models for predicting weather and climate at a variety of places and times has progressed globally However there are still several challenging areas which need to be addressed with a better understanding of physical processes based on observations and to subsequently be taken into account by means of improved parameterization And this is all the more important since models are increasingly being used at higher horizontal and vertical resolutions Encouraging debate on the cloud resolving approach or the hybrid approach with parameterized convection and grid scale cloud microphysics and its impact on models intrinsic predictability the book offers a motivating reference guide for all researchers whose work involves physical parameterization problems and numerical models

OPERATIONS & SUPPLY CHAIN MANAGEMENT Dr. Preeti Mahesh Kulkarni, Dr. Prajakta Nilesh Warale, Dr. Atul N Thombre, 2025-04-23 MBA SECOND SEMESTER As Per Revised MBA Curriculum 2024 Aligned with NEP Savitribai Phule Pune University Pune (Free Sample) *MH-SET Paper 1 Guide for Assistant Professor with Past Questions* Disha Experts, 2021-03-19 **Deep Learning- Concepts and Applications** Dr. Gopal Sakarkar, Dr. Riddhi Panchal, Dr. Vijay Dhawale, Dr. Sachin Upadhye, Dr. Kishor Madhukar Dhole, Paresh Patil, Siddhant Buchade, Vishal Shelar, 2025-03-20 Artificial intelligence has experienced unprecedented growth with deep learning and computer vision emerging as transformative fields These technologies power applications such as autonomous vehicles real time facial recognition and medical imaging This book provides a practical guide to deep learning fundamentals object detection big data integration and real world applications using Raspberry Pi and mobile devices Chapter 1 introduces deep learning concepts including neural networks convolutional neural networks CNNs and transfer learning Chapter 2 covers custom object detection detailing a structured six step framework for developing robust models Chapter 3 explores Hadoop and Map Reduce for high throughput image processing showcasing how distributed computing enhances scalability Chapter 4 provides hands on projects with Raspberry Pi guiding readers in setting up Open CV and implementing real world applications Finally Chapter 5 highlights practical applications such as mobile computer vision apps and face recognition As artificial intelligence continues to evolve its

applications are becoming increasingly diverse and impactful From automating mundane tasks to aiding in scientific breakthroughs deep learning is reshaping industries and creating new opportunities By understanding and leveraging these technologies readers can develop innovative solutions and contribute to the expanding field of AI This book aims to provide not only theoretical knowledge but also practical implementations to help readers build real world projects Through step by step guidance and hands on exercises we hope to empower learners to explore experiment and push the boundaries of what is possible with deep learning and computer vision Designed for beginners and professionals alike this book bridges the gap between theory and implementation equipping readers with the knowledge and tools needed to develop deep learning and computer vision solutions

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Experts,2020-07-01 **Caste Discrimination and Exclusion in Indian Universities** N. Sukumar,2022-07-25 This book studies the exclusion and discrimination that is meted out to Scheduled Caste SC students in the Indian Higher Education system and the psychosocial consequences of such practices It foregrounds the conceptual debates around caste exclusion and reservations in Indian academia discussing the social dominance and the roots of prejudices in the university spaces The volume reflects upon the fragile social world in which students from the margins struggle for survival in the academic space It reveals that these students navigate the various facets of academia like classrooms pedagogy scholarships hostels peer groups and teachers only to find the academic space a dystopian universe The book also sheds light on suicide cases committed by the marginalized groups as a testimony of protest Based on in depth ethnographic research this book will be of interest to teachers students and researchers of education sociology political science psychology and exclusion studies It will also be useful for policymakers social activists NGOs research centers and those working in higher education reservations public policy caste and exclusion studies *Proceedings of Data Analytics and Management* Deepak Gupta,Zdzislaw Polkowski,Ashish Khanna,Siddhartha Bhattacharyya,Oscar Castillo,2022-01-04 This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management ICDAM 2021 held at Jan Wyzykowski University Poland during June 2021 The book covers the topics in data analytics data management big data computational intelligence and communication networks The book presents innovative work by leading academics researchers and experts from industry which is useful for young researchers and students

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