

Csc Tally Erp 9 Question Paper With Answers

Your all-inclusive guide to all the latest technologies. Providing you with a better understanding of the latest technologies, including Cloud Computing, Software as a Service, Service-Oriented Architecture (SOA), Open Source, Mobile Computing, Social Networking, and Business Intelligence, *The Next Wave of Technologies: Opportunities from Chaos* helps you know which questions to ask when considering if a specific technology is right for your organization.: Demystifies powerful but largely misunderstood technologies; Explains how each technology works; Provides key guidance on determining if a p.

This publication is the world's most extensive, hands-on and neutral source of information on international trade of coffee. It covers trade issues relevant to coffee growers, traders, exporters, transportation companies, certifiers, associations, authorities and others in coffee-producing countries. This third edition marks the 20th anniversary of this popular guide. It includes new material on climate change, the role of women in the coffee sector and comparison of sustainability schemes.

In two volumes, *Planning Production and Inventories in the Extended Enterprise: A State of the Art Handbook* examines production planning across the extended enterprise against a backdrop of important gaps between theory and practice. The early chapters describe the multifaceted nature of production planning problems and reveal many of the core complexities. The middle chapters describe recent research on theoretical techniques to manage these complexities. Accounts of production planning system currently in use in various industries are included in the later chapters. Throughout the two volumes there are suggestions on promising directions for future work focused on closing the gaps. Included in Volume 1 are papers on the Historical Foundations of Manufacturing Planning and Control; Advanced Planning and Scheduling Systems; Sustainable Product Development and Manufacturing; Uncertainty and Production Planning; Demand Forecasting; Production Capacity; Data in Production and Supply Chain Planning; Financial Uncertainty in SC Models; Field Based Research in Production Control; Collaborative SCM; Sequencing and Coordination in Outsourcing and Subcontracting Operations; Inventory Management; Pricing, Variety and Inventory Decisions for Substitutable Items; Perishable and Aging Inventories; Optimization Models of Production Planning Problems; Aggregate Modeling of Manufacturing Systems; Robust Stability Analysis of Decentralized Supply Chains; Simulation in Production Planning; and Simulation-Optimization in Support of Tactical and Strategic Enterprise Decisions. Included in Volume 2 are papers on Workload and Lead-Time Considerations under Uncertainty; Production Planning and Scheduling; Production Planning Effects on Dynamic Behavior of A Simple Supply Chain; Supply and Demand in Assemble-to-Order Supply Chains; Quantitative Risk Assessment in Supply Chains; A Practical Multi-Echelon Inventory Model with Semiconductor Application; Supplier Managed Inventory for Custom Items with Long Lead Times; Decentralized Supply Chain Formation; A Cooperative Game Approach to Procurement Network Formation; Flexible SC Contracts with Options; Build-to-Order Meets Global Sourcing for the Auto Industry; Practical Modeling in Automotive Production; Discrete Event Simulation Models; Diagnosing and Tuning a Statistical Forecasting System; Enterprise-Wide SC Planning in Semiconductor and Package Operations; Production Planning in Plastics; SC Execution Using Predictive Control; Production Scheduling in The Pharmaceutical Industry; Computerized Scheduling for Continuous Casting in Steelmaking; and Multi-Model Production Planning and Scheduling in an Industrial Environment.

With the introduction of Visual Basic .NET, VB is now a complete object-oriented language, letting programmers access the full power of the Windows platform while enabling them to build reliable and robust web solutions. It doesn't matter if you're new to programming or just to VB.NET, Visual Basic .NET Programming gets you up and running with the new version and offers a comprehensive introduction to Windows and web application development. From language fundamentals to ADO.NET, XML, and Web Services, Harold Davis's thoughtful approach emphasizes meaningful tasks that tie in with VB.NET's principal strengths. For example, you'll learn to build a Web Service, implement XML support, and use object-oriented techniques—without getting mired in theory but also without sacrificing the understanding you need to apply your skills in new situations. Much of the book is devoted to Windows application development, covering new ways to program standard elements, as well as emphasizing Visual Basic's new programming features. Want to build a desktop program with an oval interface? Want to create robust class libraries, components, and controls? Implement printing as a program feature? Start and stop a service? Every chapter provides solid examples that will help you learn the language and, more importantly, create effective applications with it.

Managing & Using Information Systems: A Strategic Approach provides a solid knowledgebase of basic concepts to help readers become informed, competent participants in Information Systems (IS) decisions. Written for MBA students and general business managers alike, the text explains the fundamental principles and practices required to use and manage information, and illustrates how information systems can create, or obstruct, opportunities within various organizations. This revised and updated seventh edition discusses the business and design processes relevant to IS, and presents a basic framework to connect business strategy, IS strategy, and organizational strategy. Readers are guided through each essential aspect of information Systems, including information architecture and infrastructure, IT security, the business of Information Technology, IS sourcing, project management, business analytics, and relevant IS governance and ethical issues. Detailed chapters contain mini cases, full-length case studies, discussion topics, review questions, supplemental reading links, and a set of managerial concerns related to the topic.

This textbook on knowledge management draws on the authors' more than twenty years of research, teaching and consulting experience. The first edition of this book brought together European, Asian and American perspectives on knowledge-based value creation; this second edition features substantial updates to all chapters, reflecting the implications of the digital transformation on knowledge work and knowledge management. It also addresses three new topics: the impact of knowledge management practices on performance; knowledge management in the public sector; and an introduction to ISO 9001:2015 as an implementation framework. The book is intended not only for academic education but also as an essential guide for managers, consultants, trainers, coaches, and all those engaged in business, public administration or non-profit work who are interested in learning about organizations in a knowledge economy. Given its wealth of case studies, examples, questions, exercises and easy-to-use knowledge management tools, it offers a true compendium for learning about and implementing knowledge management initiatives.

Cloud computing-accessing computing resources over the Internet-is rapidly changing the landscape of information technology. Its primary benefits compared to on-premise computing models are reduced costs and increased agility and scalability. Hence, cloud computing is receiving considerable interest among several stakeholders-businesses, the IT ind

The theme of 2010 Survey is how to leverage e-Government in the current financial and economic crisis. The crisis presents a major challenge for UN Member States' attainment of national development goals. Half way through the MDGs, it is important to help enhance their crisis response. In this very context that the Survey explores the potential of e-Government, focusing on its relationship with government spending such as stimulus funding, integrity and efficiency in financial monitoring, and public service delivery. As in the previous Surveys, it assesses e-readiness of Member States according to a number of criteria in an analysis conducted every two years. The Member States are ranked, most of all, on the basis of each Member State's use of the Internet and the World Wide Web (WWW) for the provision of information, products and services; plus the level of telecommunication and human capital infrastructure development. The prime focus of the Survey will remain the Web Measure Index based on an extensive analysis of government national web portals/sites and ministries. Assessment of the e-Government readiness of the 192 Member States according to quantitative index of e-Readiness based on website assessment, tele-communication infrastructure and human capital.

This book constitutes the refereed proceedings of the Third International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2001, held in Munich, Germany in September 2001. The 33 revised full papers presented together with one invited paper were carefully reviewed and selected from more than 90 submissions. The papers are organized in topical sections on association rules, mining temporal patterns, data mining techniques, collaborative filtering and Web mining, visualization and matchmaking, development of data warehouses, maintenance of data warehouses, OLAP, and distributed data warehouses.

The Complete Business Process Handbook is the most comprehensive body of knowledge on business processes with revealing new research. Written as a practical guide for Executives, Practitioners, Managers and Students by the authorities that have shaped the way we think and work with process today. It stands out as a masterpiece, being part of the BPM bachelor and master degree curriculum at universities around the world, with revealing academic research and insight from the leaders in the market. This book provides everything you need to know about the processes and frameworks, methods, and approaches to implement BPM. Through real-world examples, best practices, LEADing practices and advice from experts, readers will understand how BPM works and how to best use it to their advantage. Cases from industry leaders and innovators show how early adopters of LEADing Practices improved their businesses by using BPM technology and methodology. As the first of three volumes, this book represents the most comprehensive body of knowledge published on business process. Following closely behind, the second volume uniquely bridges theory with how BPM is applied today with the most extensive information on extended BPM. The third volume will explore award winning real-life examples of leading business process practices and how it can be replaced to your advantage. Learn what Business Process is and how to get started Comprehensive historical process evolution In-depth look at the Process Anatomy, Semantics and Ontology Find out how to link Strategy to Operation with value driven BPM Uncover how to establish a way of Thinking, Working, Modelling and Implementation Explore comprehensive Frameworks, Methods and Approaches How to build BPM competencies and establish a Center of Excellence Discover how to apply Social BPM, Sustainable and Evidence based BPM Learn how Value & Performance Measurement and Management Learn how to roll-out and deploy process Explore how to enable Process Owners, Roles and Knowledge Workers Discover how to Process and Application Modelling Uncover Process Lifecycle, Maturity, Alignment and Continuous Improvement Practical continuous improvement with the way of Governance Future BPM trends that will affect business Explore the BPM Body of Knowledge

Provides a broad-based, reality-oriented, easy-to-comprehend approach to the topic. Materials are designed to take into account the wide range of backgrounds and knowledge of students. Emphasizes skill in carrying out various algorithms; developing and using mathematical properties, relationships, and proofs; applying mathematics in realistic situations; and representing concepts with graphs or other diagrams. Includes self-test exercises.

For courses in decision support systems, computerized decision-making tools, and management support systems. Market-leading guide to modern analytics, for better business decisions Analytics, Data Science, & Artificial Intelligence: Systems for Decision Support is the most comprehensive introduction to technologies collectively called analytics (or business analytics) and the fundamental methods, techniques, and software used to design and develop these systems. Students gain inspiration from examples of organisations that have employed analytics to make decisions, while leveraging the resources of a companion website. With six new chapters, the 11th edition marks a major reorganisation reflecting a new focus -- analytics and its enabling technologies, including AI, machine-learning, robotics, chatbots, and IoT.

Medical acronyms and abbreviations offer convenience, but those countless shortcuts can often be confusing. Now a part of the popular Dorland's suite of products, this reference features thousands of terms from across various medical specialties. Its alphabetical arrangement makes for quick reference, and expanded coverage of symbols ensures they are easier to find. Effective communication plays an important role in all medical settings, so turn to this trusted volume for nearly any medical abbreviation you might encounter. Symbols section makes it easier to locate unusual or seldom-used symbols. Convenient alphabetical format allows you to find the entry you need more intuitively. More than 90,000 entries and definitions. Many new and updated entries including terminology in expanding specialties, such as Nursing; Physical, Occupational, and Speech Therapies; Transcription and Coding; Computer and Technical Fields. New section on abbreviations to avoid, including Joint Commission abbreviations that are not to be used. Incorporates updates suggested by the Institute for Safe Medication Practices (ISMP).

Tally .ERP 9 Training Guide

Stutzman's 3rd edition of Antenna Theory and Design provides a more pedagogical approach with a greater emphasis on computational methods. New features include additional modern material to make the text more exciting and relevant to practicing engineers; new chapters on systems, low-profile elements and base station antennas; organizational changes to improve understanding; more details to selected important topics such as microstrip antennas and arrays; and expanded measurements topic.

This book presents the latest research on Software Engineering Frameworks for the Cloud Computing Paradigm, drawn from an international selection of researchers and practitioners. The book offers both a discussion of relevant software engineering approaches and practical guidance on enterprise-wide software deployment in the cloud environment, together with real-world case studies. Features: presents the state of the art in software engineering approaches for developing cloud-suitable applications; discusses the impact of the cloud computing paradigm on software engineering; offers guidance and best practices for students and practitioners; examines the stages of the software development lifecycle, with a focus on the requirements engineering and testing of cloud-based applications; reviews the efficiency and performance of cloud-based applications; explores feature-driven and cloud-aided software design; provides relevant theoretical frameworks, practical approaches and future research directions.

It provides step-by-step instructions for Installation Creating a Company Features & Configuration Ledgers & Groups Inventory Voucher Entry Stock Journal Credit/Debit Notes Purchase and Sales Registers Accounting Reports P/L Statements Trial Balance Cheque Printing Statement of A/c Deposit Slips Bank Reconciliation Salary Processing Generating Financial Reports Cost Centre Order Processing Data Backup & Restore Payroll TDS E-Filing Emailing Concepts & Implementation of GST, GST Reports, Input Tax Credit, GSTR-1/2/3B Return, Depreciation, E-Way Bill, File quarterly e-TDS/TCS, EEZ, sales from other territories to UT, COMPOSITION SCHEME, Practical Exercises and all NEW FEATURES OF 6.1/ 6.2/6.3/6.4and Much More.

Stellar author team of Microsoft MVPs helps developers and administrators get the most out of Windows IIS 8 If you're a developer or administrator, you'll want to get thoroughly up to speed on Microsoft's new IIS 8 platform with this complete, in-depth reference. Prepare yourself to administer IIS 8 in not only commercial websites and corporate intranets, but also the mass web hosting market with this expert content. The book covers common administrative tasks associated with monitoring and managing an IIS environment--and then moves well beyond, into extensibility, scripted admin, and other complex topics. The book highlights automated options outside the GUI, options that include the PowerShell provider and AppCmd tool. It explores extensibility options for developers, including ISAPI and HTTPModules. And, it delves into security protocols and high availability/load balancing at a level of detail that is not often found in IIS books. Author team includes Microsoft MVPs and an IIS team member Covers the management and monitoring of Microsoft Internet Information Services (IIS) 8 for administrators and developers, including MOF and MOM Delves into topics not often included in IIS books, including using the PowerShell provider and AppCmd tool and other automated options, and extending IIS 8 with ISAPI or HTTPModules Explores security issues in depth, including high availability/load balancing, and the Kerberos, NTLM, and PKI/SSL protocols Explains how to debug and troubleshoot IIS Professional Microsoft IIS 8 features a wealth of information gathered from individuals running major intranets and web hosting facilities today, making this an indispensable and real-world reference to keep on hand.

A new book to help senior executives and boards get smart about risk management The ability of businesses to survive and thrive often requires unconventional thinking and calculated risk taking. The key is to make the right decisions—even under the most risky, uncertain, and turbulent conditions. In the new book, *Surviving and Thriving in Uncertainty: Creating the Risk Intelligent Enterprise*, authors Rick Funston and Steve Wagner suggest that effective risk taking is needed in order to innovate, stay competitive, and drive value creation. Based on their combined decades of experience as practitioners, consultants, and advisors to numerous business professionals throughout the world, Funston and Wagner discuss the adoption of 10 essential and practical skills, which will improve agility, resilience, and realize benefits: Challenging basic business assumptions can help identify "Black Swans" and provide first-mover advantage Defining the corporate risk appetite and risk tolerances can help reduce the risk of ruin. Anticipating potential causes of failure can improve chances of survival and success through improved preparedness. Factoring in velocity and momentum can improve speed of response and recovery. Verifying sources and the reliability of information can improve insights for decision making and thus decision quality. Taking a longer-term perspective can aid in identifying the potential unintended consequences of short-term decisions.

This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles; discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.

SAP can help you capture better information and deliver it more quickly, allowing you to make better decisions and maximize the business value of everything you do. However, SAP implementations require massive effort, total buy-in, and significant change throughout the organization. In *SAP Implementation Unleashed*, 10 expert SAP project managers, functional consultants, and technologists guide you through the entire journey, helping you avoid pain and pitfalls and gain all the benefits of SAP. The authors introduce start-to-finish business, technical, and project management roadmaps for successful SAP implementation. Then, drawing on their immense experience, they walk you through the entire process of planning and deployment—addressing make-or-buy issues and hidden gaps that other guidebooks ignore. You'll discover how to employ processes, models, and toolsets that help you achieve implementation excellence while systematically reducing cost and business risk. Along the way, you'll find actionable advice and real-world insight into innovative project management, best-suited leadership, effective load testing, contemporary infrastructure implementation, and more. George W. Anderson is responsible for providing enterprise applications thought leadership for the EDS/HP office of the CTO. A long-time SAP consultant and PMI-certified project manager, George has authored several best-selling books and enjoys new challenges. Charles D. Nilson is a senior program manager for EDS/HP and has led many successful SAP implementation teams over the years. He is a PMI PMP and is SAP Partner Academy certified in MM and PP. Tim Rhodes is a senior SAP technical consultant for EDS/HP and a Basis/infrastructure veteran focused on implementing, migrating, and upgrading SAP Business Suite and NetWeaver solutions. Tim is also an SAP-certified technical consultant, OCP, MCSE, and HP Master ASE. Detailed Information on How To... Define the business vision driving your implementation, and use it to design your solution Use TCO techniques to fully understand SAP's financial impact in your organization Structure your SAP project management office, business teams, technical support organization, and overall project team Size, plan, and test your SAP infrastructure to deliver the best performance and availability at the best cost Integrate SAP into an SOA environment Install and configure SAP Business Suite and NetWeaver components Perform basic functional configuration, testing, and change management activities Enable a smooth

transition by successfully performing the critical tasks that immediately precede SAP Go-Live Choose the right mix of tools and applications to test, manage, and monitor SAP Prepare your SAP Operations team for its post-implementation responsibilities

This managerial book goes beyond the traditional thoughts on this subject. It brings you a challenging dimension: Create an entrepreneurial organization and you will exceed in the realization of your goals and objectives. The entrepreneurial organization thrives on developing innovation, customer retention, productivity, and growth. Your role and that of other managers has changed dramatically in the last decade because two powerful new forces have joined in the environment. A new social awareness and demographic shift in the work force coupled with a shrinking of markets in a technological and global landscape demands new ways of planning, organizing, and directing organizations. ESM argues the need for implementation as the force majeure in fulfilling strategic plans and the engagement of the whole organization in strategic management to achieve organizational goals. Inside, you'll be introduced to a new approach to understanding the economic marketplace in four quadrants or fields where each determines what strategic responses are needed to thrive in those fields and which direction the organization is to go if it is to survive and grow. This book lays out the cycle of corporate products and services from profitable innovation to decline and failure and offers the executive a road map to renovate and build the organization.

This book is a compendium of the proceedings of the International Conference on Big-Data and Cloud Computing. The papers discuss the recent advances in the areas of big data analytics, data analytics in cloud, smart cities and grid, etc. This volume primarily focuses on the application of knowledge which promotes ideas for solving problems of the society through cutting-edge big-data technologies. The essays featured in this proceeding provide novel ideas that contribute for the growth of world class research and development. It will be useful to researchers in the area of advanced engineering sciences.

"This thoroughly revised edition of the Artech House classic, Phased Array Antenna Handbook, offers the most up-to-date and broadest view of array antennas and systems. Supported with over 350 equations and more than 270 illustrations, the book offers complete design details that allow practitioners to size an array system with speed and confidence."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved

Ideal handbook for first time learners, professional & individuals, to maintain complete Accounting, Invoicing & Inventory system using Tally.ERP 9. Loaded with commented illustrations and examples for self learning. Objective Test Questions with solution added to help the students prepare for various certification courses on Tally. Numerous Frequently Asked Questions regarding commonly encountered problems and their solutions added to solve common practical problems.

This book constitutes the refereed proceedings of the IFIP WG 8.6 International Working Conference "Creating Value for All Through IT" on Transfer and Diffusion of IT, TDIT 2014, held in Aalborg, Denmark, in June 2014. The 18 revised full papers presented together with 5 research-in-progress papers, 2 experience reports and a panel were carefully reviewed and selected from 37 submissions. The full papers are organized in the following topical sections: creating value; creating value through software development; and creating value through applications.

In this thoroughly updated edition of a classic reference, Stephen E. Condrey brings together leading experts in public administration and HR management to detail how you can: Move beyond your often limited problem-solving role as an HR manager and demonstrate how you can play a more strategic role in your organization. Deal with crucial issues such as diversity, EEO regulations and other legal issues, compensation, sexual harassment, and performance appraisal. Expand your ability to maximize productivity, efficiency, and employee satisfaction. Develop budgets, use volunteers, and employ consultants. Also included with purchase is a free supplemental on-line Instructor's Manual. Order your copy now!

This volume presents papers from the 10th Working Conference of the IFIP WG 8.6 on the adoption and diffusion of information systems and technologies. It explores the dynamics of how some technological innovation efforts succeed while others fail. The book looks to expand the research agenda, paying special attention to the areas of theoretical perspectives, methodologies, and organizational sectors.

This highly readable textbook provides a comprehensive but concise overview of the principles of oncogenesis in veterinary medicine, discussing selected tumors in domestic animals in detail, and addressing cancer diagnostics and therapy. All chapters are illustrated with histological and radiological images to enhance readers' understanding. Accordingly, the book is a must-have reference guide for all graduate and advanced undergraduate students in Veterinary Medicine with a special interest in oncology.

Special Features: This book offers 3 stage learning system:Explanation Mode:The book is your first stage in learning. It explains concepts of Windows XP and Office 2007 in a clear, simple language using various small projects and illustrations. Unlike in other books, your learning doesn't stop here. Here you can actually practice what you have learnt. To do this, move to the next mode.Audio-Video Demo Mode:Insert the accompanying software (CD) into your computer and click on the topic you wish to learn. The software automatically starts teaching you the concepts of Windows XP and Office 2007 step-by-step through audio-video and graphics simulations without your having to do anything by explaining again what you learnt from the book and consequently enriching your learning experience. Now to practice what you have just learnt, move on to the final stage.Self-Testing/Practice Mode:The Self-testing Software in this mode tests your skills by asking you to carry out the steps as per the given instructions. If you do it right, you go to the next step. And if you do it wrong, it helps you to correct your mistake. Only when you have done it right will it let you proceed further. About The Book: The book is a combination of two popular applications in their latest version, MS Excel 2010 and Tally.ERP 9. These two applications are widely used across small as well as large business houses and

accounting firms. Vikas Gupta has devised the book for upcoming professionals looking for career opportunity in the field of finance and accounts management as well as for professionals who want to upgrade their skills by learning new versions of applications used in the field of business accounting. The book covers MS Excel 2010 and Tally.ERP 9 applications in an easy to understand language supported by ample screenshots and real life scenarios. The book helps you to master business accounting with the help of MS Excel 2010 and Tally.ERP 9 applications.

A complete guide to operating a corporate treasury from a global perspective For CFOs and treasurers looking to re-align their treasuries with the growth of the global firm, bankers who seek to maximize the value they create for clients, treasury and finance firm employees, and even finance students, this book provides an easy-to-read approach to this exciting and increasingly complex world. It includes a toolkit that gives practitioners a reference point that they can adapt immediately for use in their firms, providing a low-cost, high-efficiency advisory solution they previously lacked. Offers a uniquely global perspective unlike most books on the subject, which tend to focus on the US market Incorporates a bottom-up, segmented approach that uses fundamental building blocks to form a comprehensive overview of corporate treasury Includes a toolkit that provides a ready foundation for learning based on checklists, templates, and scorecards that can be adapted and customized to the needs of an individual firm Written by an author with more than 13 years working in different aspects of corporate and institutional banking, from capital markets to transaction services Written by an author who has spent many years working The Handbook of Global Corporate Treasury serves as a ready reference for anyone interested in the nuances and practicalities of the complex world of corporate treasury.

In recent years, there has been much interest in the 'virtual' –teams, organizations and communities –in management research and practice. As technology and social practices change we have more opportunity to experience different forms of virtuality, and in the process our understanding and conception of virtuality changes.

Additive manufacturing (AM), also known as 3D printing, has gained significant interest in aerospace, energy, automotive and medical industries due to its capabilities of manufacturing components that are either prohibitively costly or impossible to manufacture by conventional processes. Among the various additive manufacturing processes for metallic components, electron beam melting (EBM) and selective laser melting (SLM) are two of the most widely used powder bed based processes, and have shown great potential for manufacturing high-end critical components, such as turbine blades and customized medical implants. The futures of the EBM and SLM are doubtlessly promising, but to fully realize their potentials there are still many challenges to overcome. Inconel 718 (IN718) is a nickel-base superalloy and has impressive combination of good mechanical properties and low cost. Though IN718 is being mostly used as a turbine disk material now, the initial introduction of IN718 was to overcome the poor weldability of superalloys in 1960s, since sluggish precipitation of strengthening phases $\gamma'/?'$ enables good resistance to strain-age cracking during welding or post weld heat treatment. Given the similarity between AM and welding processes, IN718 has been widely applied to the metallic AM field to facilitate the understandings of process-microstructure-property relationships. The work presented in this licentiate thesis aims to better understand microstructures and mechanical properties EBM and SLM IN718, which have not been systematically investigated. Microstructures of EBM and SLM IN718 have been characterized with scanning electron microscopy (SEM), transmission electron microscopy (TEM) and correlated with the process conditions. Monotonic mechanical properties (e.g., Vickers microhardness and tensile properties) have also been measured and rationalized with regards to the microstructure evolutions before and after heat treatments. For EBM IN718, the results show the microstructure is not homogeneous but dependant on the location in the components, and the anisotropic mechanical properties are probably attributed to alignment of porosities rather than texture. Post heat treatment can slightly increase the mechanical strength compared to the as-manufactured condition but does not alter the anisotropy. SLM IN718 shows significantly different microstructure and mechanical properties to EBM IN718. The as-manufactured SLM IN718 has very fine dendritic microstructure and Laves phases in the interdendrites, and is "work-hardened" by the residual strains and dislocations present in the material. Mechanical properties are different between horizontally and vertically built samples, and heat treatment can minimize this difference. Results from this licentiate thesis provide the basis for the further research on the cyclic mechanical properties of EBM and SLM IN718, which would be the focus of following phase of the Ph.D. research.

The Creative Self reviews and summarizes key theories, studies, and new ideas about the role and significance self-beliefs play in one's creativity. It untangles the interrelated constructs of creative self-efficacy, creative metacognition, creative identity, and creative self-concept. It explores how and when creative self-beliefs are formed as well as how creative self-beliefs can be strengthened. Part I discusses how creativity plays a part in one's self-identity and its relationship with free will and efficacy. Part II discusses creativity present in day-to-day life across the lifespan. Part III highlights the intersection of the creative self with other variables such as mindset, domains, the brain, and individual differences. Part IV explores methodology and culture in relation to creativity. Part V, discusses additional constructs or theories that offer promise for future research on creativity Explores how beliefs about one's creativity are part of one's identity Investigates the development of self-beliefs about creativity Identifies external and personality factors influencing self-beliefs about creativity Incorporates worldwide research with cross-disciplinary contributors

Gain an understanding of today's tax concepts and ever-changing laws with the concise, reader-friendly SOUTH-WESTERN FEDERAL TAXATION 2021: ESSENTIALS OF TAXATION: INDIVIDUALS AND BUSINESS ENTITIES, 24E. Master key taxation concepts and applications you need for success in accounting and taxation or prepare to take the C.P.A. or Enrolled Agent Exam. With this edition you examine the most current tax law at the time of publication, from recent tax law changes to complete coverage of the Tax Cuts and Jobs Act of 2017 with related guidance from the Treasury Department. Concise coverage highlights the most important rules and concepts on income, deductions and losses, property transactions, business entities, multi-jurisdictional taxation, as well as taxes on financial statements. Clear and numerous examples, helpful summaries and interesting tax scenarios further clarify concepts and help you sharpen your critical-thinking, writing and research skills. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Peter Norton is a pioneering software developer and author. Norton's desktop for windows, utilities, backup, antivirus, and other utility programs are installed on millions of PCs worldwide. His inside the IBM PC and DOS guide have helped millions of people understand computers from the inside out. Peter Norton's introduction to computers incorporates features not found in other introductory programs. Among these are the following: Focus on the business-computing environment for the 1990s and beyond, avoiding the standard 'MIS approach.': A 'glass-box' rather than the typical 'black-box' view of computers-encouraging students to explore the computer from the inside out.

Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the

building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

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