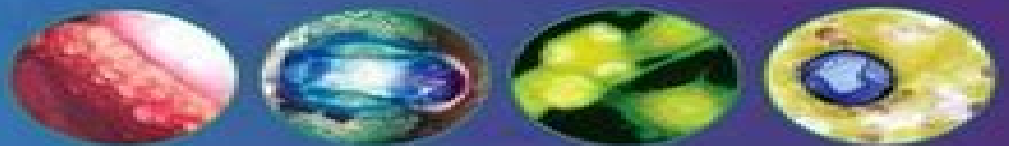


FIFTH EDITION

Small Animal
CLINICAL DIAGNOSIS
by **LABORATORY METHODS**



Michael D. Willard
Harold Tvedten

Small Animal Clinical Diagnosis By Laboratory Methods

Annelies Wilder-Smith



Small Animal Clinical Diagnosis By Laboratory Methods:

Small Animal Clinical Diagnosis by Laboratory Methods Michael D. Willard, Harold Tvedten, 2011-12-13 A quick guide to appropriately selecting and interpreting laboratory tests **Small Animal Clinical Diagnosis by Laboratory Methods** 5th Edition helps you utilize your in house lab or your specialty reference lab to efficiently make accurate diagnoses without running a plethora of unnecessary and low yield tests It provides answers to commonly asked questions relating to laboratory tests and solutions to frequently encountered problems in small animal diagnosis For easy reference information is provided by clinical presentation and abnormalities and includes hundreds of tables boxes key points and algorithms This edition now in full color is updated with the latest advances in laboratory testing methods and diagnostic problem solving Written by noted educators Dr Michael Willard and Dr Harold Tvedten this book may be used as an on the spot guide to specific problems or conditions as well as a reference for more detailed research on difficult cases Concise discussions address laboratory approaches to various disorders possible conclusions from various test results artifacts and errors in diagnoses and interpretations leading to various diagnoses Hundreds of tables boxes algorithms and key points offer at a glance information including cautions common pitfalls and helpful pearls and lead to proper differential and clinical diagnostic decision making Note boxes identify key considerations in correlating clinical signs with test data for accurate diagnoses highlight safety precautions and offer helpful tips for sample preparation and interpretation Chapters on laboratory diagnostic toxicology and therapeutic drug monitoring help in handling potentially fatal poisonings and other special situations Expert editors and contributors provide clinical knowledge and successful diagnostic problem solving solutions A practical appendix lists referral laboratories that may be contacted for certain diseases and reference values with the normal or expected range for coagulation hematology and more Updated coverage integrates the newest advances in testing methods and diagnostic problem solving Full color photos and schematic drawings are placed adjacent to related text and accurately depict diagnostic features on microscopic slide preparations as well as test procedures and techniques

Small Animal Clinical Diagnosis by Laboratory Methods Michael D. Willard, 1989 **Small Animal Clinical Diagnosis by Laboratory Methods** Michael D. Willard, Harold Tvedten, Grant H. Turnwald, 1989 **Small Animal Clinical Diagnosis by Laboratory Methods [With Veterinary Consult Access Code]** Michael D. Willard, Harold Tvedten, 2003-11-11 Veterinary Consult The Veterinary Consult version of this title provides electronic access to the complete content of this book Veterinary Consult allows you to electronically search your entire book make notes add highlights and study more efficiently Purchasing additional Veterinary Consult titles makes your learning experience even more powerful All of the Veterinary Consult books will work together on your electronic bookshelf so that you can search across your entire library of veterinary books Veterinary Consult It s the best way to learn Book Description This popular resource allows the reader to appropriately select and accurately interpret laboratory tests in a practical and efficient manner It presents an organized method of answering

common questions that reflect the most frequently encountered problems in laboratory tests A new chapter on Point of Care Methodology has been added and the section on electrolyte acid base now includes strong ion differences Two additional color plates feature 12 new figures Book plus fully searchable electronic access to text **Small Animal Clinical Diagnosis by Laboratory Methods** Michael D. Willard, Harold Tvedten, 2007-06 Veterinary Consult The Veterinary Consult version of this title provides electronic access to the complete content of this book Veterinary Consult allows you to electronically search your entire book make notes add highlights and study more efficiently Purchasing additional Veterinary Consult titles makes your learning experience even more powerful All of the Veterinary Consult books will work together on your electronic bookshelf so that you can search across your entire library of veterinary books Veterinary Consult It s the best way to learn Book Description This popular resource allows the reader to appropriately select and accurately interpret laboratory tests in a practical and efficient manner It presents an organized method of answering common questions that reflect the most frequently encountered problems in laboratory tests A new chapter on Point of Care Methodology has been added and the section on electrolyte acid base now includes strong ion differences Two additional color plates feature 12 new figures Book plus fully searchable electronic access to text *Laboratory Procedures for Veterinary Technicians E-Book* Margi Sirois, 2018-12-13 Selected for Doody s Core Titles 2024 with Essential Purchase designation in Veterinary Nursing Technology Ensure you re at your clinical best Laboratory Procedures for Veterinary Technicians 7th Edition covers the broad spectrum of laboratory procedures that veterinary technicians need to perform effectively in the practice setting Comprehensive content presents the fundamentals of microbiology hematology urinalysis immunology and cytology along with the laboratory procedures used to perform the most widely used tests such as complete blood count urinalysis and immunologic assays This thoroughly updated edition includes an expanded Quality Control and Record Keeping chapter along with the latest advances in veterinary clinical procedures to prepare you for real life laboratory work Comprehensive coverage gives you a solid foundation in the fundamentals of microbiology hematology urinalysis immunology and cytology along with the laboratory procedures used to perform related tests Provides the latest information needed to successfully perform a broad spectrum of laboratory tests including complete blood count urinalysis and immunologic assays Step by step procedure boxes offer quick access to the skills you must perform during your educational program as well as procedures that are commonly performed by vet techs in private practice A comprehensive glossary of terms at the end of the text offers accurate concise definitions Vet Tech Threads provide you with introductions suggested readings boxed technician notes learning objectives chapter outlines key terms and a glossary for easy navigation through chapters and more focused learning NEW Completely updated content throughout reflects the latest advances in veterinary clinical laboratory procedures for improved patient service and higher practice revenue NEW Thoroughly updated and expanded Quality Control and Record Keeping chapter ensures you have the most current information in this vital area UPDATED Immunology

section includes the latest information in this fast growing veterinary technology area *Animal Clinical Chemistry* G.O. Evans, 2009-04-01 10 Years of Updates Since First Edition Newcomers to the animal clinical chemistry and toxicology fields quickly find that the same rules of human medicine do not always apply Following in the footsteps of its standard setting first edition *Animal Clinical Chemistry A Practical Handbook for Toxicologists and Biomedical Researchers* Second Editio

Feline Medicine for Veterinary Technicians Paula Plummer, 2025-07-09 A comprehensive overview of feline medicine in a clinical setting for the veterinary technician *Feline Medicine for Veterinary Technicians* is a complete specialty reference guide written by veterinary technician specialists for the veterinary technician to use in a feline medicine clinical setting Covering everything from the pathophysiology of common feline diseases current therapies and nursing care diagnostic techniques unique history taking methods and nursing care in every major body system It is a critical tool for anyone preparing for a specialty exam or the Veterinary Technician National Exam VTNE *Feline Medicine for Veterinary Technicians* readers will also find Coverage of cutting edge diagnostics treatment options and more Detailed discussion of topics including feline friendly interactions life stage considerations client communication pharmacology and many more A team of contributors with decades of combined veterinary technician experience A comprehensive review of diseases in all major body systems including endocrinology cardiology renal and urinary systems Feline specific considerations for behavior anesthesia analgesia transfusion medicine and nutrition The companion website includes study questions for all chapters as well as client education materials dental positioning guidelines and educational handouts *Feline Medicine for Veterinary Technicians* is ideal for students as well as anyone preparing for a specialty exam or as a veterinary technician in feline clinical practice **Small Animal Surgical Nursing - E-Book** Marianne Tear, 2021-01-28 Selected for Doody's Core Titles 2024 with Essential Purchase designation in Veterinary Nursing Technology Master the veterinary technician's role and skills in surgical assisting *Small Animal Surgical Nursing* 4th Edition helps you learn the protocols and techniques you need to work together with the veterinarian as a smoothly functioning surgical team Clear guidelines are provided in areas such as surgical instruments and procedures anesthesia patient monitoring preoperative and postoperative care of the animals pain management and client education This edition is updated throughout and includes timed instrument identification exercises on the Evolve website Written by well known educator Marianne Tear this comprehensive resource ensures that you are highly competent in performing all of the vet tech's surgical responsibilities Coverage of small animal surgical nursing provides a full review of the role and responsibilities of the veterinary technician in the surgical setting including sterilization protocols gowning gloving anesthesia wound management and care of the animals before and after surgery Focus on exceptional clinical skills and practice tips draws from the author's real world experiences of what is most commonly encountered in the clinical setting Nearly 500 full color illustrations and photographs show surgical equipment instruments sterile techniques suturing techniques and wound management Attention to detail ensures understanding of the skills

covered in required veterinary technician surgical nursing courses Learning Objectives and Key Terms at the beginning of each chapter identify the material that should be mastered in the upcoming chapter Key Points and Review Questions at the end of each chapter facilitate study and reinforce understanding Quick Reference for Common IV Infusions and Analgesic Protocols appendix helps students learn to work quickly and efficiently NEW Updated content and new protocols and skills ensure that students have the latest information available NEW Updated and additional Review Questions include multiple choice listing and open ended questions that challenge students to apply the knowledge they have learned in each chapter

Clinical Veterinary Advisor - E-Book Etienne Cote, 2014-12-09 No other quick reference comes close in covering the diagnosis and treatment of hundreds of diseases in dogs and cats Etienne Cote's *Clinical Veterinary Advisor Dogs and Cats* 2nd Edition is like six books in one with concise topics within sections on diseases and disorders procedures and techniques differential diagnosis laboratory tests clinical algorithms and a drug formulary Revised from cover to cover this edition includes dozens of new topics It also includes free access to a fully searchable companion website featuring an electronic version of the text all of the book's images a searchable drug formulary and 150 Client Education Sheets in both English and Spanish Section I Diseases and Disorders provides at a glance coverage of nearly 800 common medical problems arranged alphabetically for immediate access Entries include a definition synonyms epidemiology clinical presentation etiology and pathophysiology differential diagnosis workup treatment prognosis and outcome plus pearls and considerations Concise descriptions simplify diagnosis and treatment Section II Procedures and Techniques offers illustrated step by step instructions for understanding and performing 111 important clinical procedures Section III Differential Diagnosis displays nearly every possible cause for 260 different clinical disorders Section IV Laboratory Tests summarizes essential information needed for interpreting more than 150 lab tests Section V Clinical Algorithms provides decision trees for the diagnostic and therapeutic decision making processes involved in managing 91 of the most common clinical conditions disorders Section VI Drug Formulary is a compilation of dosages and other relevant information for more than 300 new and current medications 410 illustrations and photographs depict disease processes and related concepts A companion website includes the complete text of the book in a fully searchable format allowing quick access to information and all of the book's images It also includes 150 Client Education Sheets each available in both English and Spanish Clinical guidance added to diseases and disorders chapters helps you select appropriate tests and treatments for each case 50 new client how to handouts are added for a total of 150 client education sheets helping to improve outcomes by informing clients Technician Tips are inserted throughout nearly 800 diseases and disorders providing specialized information for veterinary technicians Enhanced electronic image collection on the companion website includes color images and additional figures not found in the text

The Enigmatic Realm of **Small Animal Clinical Diagnosis By Laboratory Methods**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Small Animal Clinical Diagnosis By Laboratory Methods** a literary masterpiece penned by a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those who partake in its reading experience.

https://archive.kdd.org/public/uploaded-files/index.jsp/soft_methodology_for_random_information_systems.pdf

Table of Contents Small Animal Clinical Diagnosis By Laboratory Methods

1. Understanding the eBook Small Animal Clinical Diagnosis By Laboratory Methods
 - The Rise of Digital Reading Small Animal Clinical Diagnosis By Laboratory Methods
 - Advantages of eBooks Over Traditional Books
2. Identifying Small Animal Clinical Diagnosis By Laboratory Methods
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Small Animal Clinical Diagnosis By Laboratory Methods
 - User-Friendly Interface
4. Exploring eBook Recommendations from Small Animal Clinical Diagnosis By Laboratory Methods
 - Personalized Recommendations
 - Small Animal Clinical Diagnosis By Laboratory Methods User Reviews and Ratings

- Small Animal Clinical Diagnosis By Laboratory Methods and Bestseller Lists
- 5. Accessing Small Animal Clinical Diagnosis By Laboratory Methods Free and Paid eBooks
 - Small Animal Clinical Diagnosis By Laboratory Methods Public Domain eBooks
 - Small Animal Clinical Diagnosis By Laboratory Methods eBook Subscription Services
 - Small Animal Clinical Diagnosis By Laboratory Methods Budget-Friendly Options
- 6. Navigating Small Animal Clinical Diagnosis By Laboratory Methods eBook Formats
 - ePub, PDF, MOBI, and More
 - Small Animal Clinical Diagnosis By Laboratory Methods Compatibility with Devices
 - Small Animal Clinical Diagnosis By Laboratory Methods Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Small Animal Clinical Diagnosis By Laboratory Methods
 - Highlighting and Note-Taking Small Animal Clinical Diagnosis By Laboratory Methods
 - Interactive Elements Small Animal Clinical Diagnosis By Laboratory Methods
- 8. Staying Engaged with Small Animal Clinical Diagnosis By Laboratory Methods
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Small Animal Clinical Diagnosis By Laboratory Methods
- 9. Balancing eBooks and Physical Books Small Animal Clinical Diagnosis By Laboratory Methods
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Small Animal Clinical Diagnosis By Laboratory Methods
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Small Animal Clinical Diagnosis By Laboratory Methods
 - Setting Reading Goals Small Animal Clinical Diagnosis By Laboratory Methods
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Small Animal Clinical Diagnosis By Laboratory Methods
 - Fact-Checking eBook Content of Small Animal Clinical Diagnosis By Laboratory Methods
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Small Animal Clinical Diagnosis By Laboratory Methods Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Small Animal Clinical Diagnosis By Laboratory Methods free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Small Animal Clinical Diagnosis By Laboratory Methods free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying

the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Small Animal Clinical Diagnosis By Laboratory Methods free PDF files is convenient, it's important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but it's essential to be cautious and verify the authenticity of the source before downloading Small Animal Clinical Diagnosis By Laboratory Methods. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether it's classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Small Animal Clinical Diagnosis By Laboratory Methods any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Small Animal Clinical Diagnosis By Laboratory Methods Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Small Animal Clinical Diagnosis By Laboratory Methods is one of the best book in our library for free trial. We provide copy of Small Animal Clinical Diagnosis By Laboratory Methods in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Small Animal Clinical Diagnosis By Laboratory Methods. Where to download Small Animal Clinical Diagnosis By Laboratory Methods online for free? Are you looking for Small Animal Clinical Diagnosis By Laboratory Methods PDF? This is definitely going to save you time and cash in something you should think about.

Find Small Animal Clinical Diagnosis By Laboratory Methods :

soft methodology for random information systems

solidification of aluminum alloys

solo per amor only love

sociology learning system workbook and study guide

solo pieces for the beginning flutist/cd set

sociology of organizations classic contemporary and critical readings

soldier of southwestern virginia the civil war letters of captain john preston sheffey

sociology of gender an introduction to theory and research

sociology in action a critique of selected conceptions of the social role of sociologist

sold into egypt

sock monkey goes to hollywood

solo pieces for the beginning descant/soprano recorder

soldiers play

solar radio astronomy

software for engineering control of landslide and tunnelling hazards

Small Animal Clinical Diagnosis By Laboratory Methods :

Experience Psychology 2nd ed by Laura A. King A good introduction to psychology. I wish it had been a bit more I depth in some sections, like body language, facial expression and emotion; but overall it was ... Experience Psychology Second Edition: Laura A. King "Experience Psychology" is a first. Its groundbreaking adaptive questioning diagnostic and personalized study plan help students "know what they know" while ... Experience Psychology, 2nd edition - King, Laura A. Experience Psychology, 2nd edition by King, Laura A. - ISBN 10: 1259695557 - ISBN 13: 9781259695551 - McGraw-Hill Education - 2013 - Softcover. Experience Psychology book by Laura A. King Buy a cheap copy of Experience Psychology book by Laura A. King ... The Science of Psychology 2nd Edition Select Material for PSY 1001 University of Colorado - ... Experience Psychology | Buy | 9780078035340 Rent Experience Psychology 2nd edition (978-0078035340) today, or search our site for other textbooks by Laura King. Every textbook comes with a 21-day ... Experience Psychology Get Experience Psychology by Laura King Textbook, eBook, and other options. ISBN 9781264108701. ... second major, in psychology, during the second semester of her ... Laura A King | Get Textbooks Experience Psychology Second Edition Includes Updated DSM 5

Chapter(2nd Edition) by Laura A. King Paperback, Published 2013 by N/A ISBN-13: 978-1-259-20187 ... Paperback By Laura A King - VERY GOOD Experience Psychology Second Edition - Paperback By Laura A King - VERY GOOD ; Quantity. 1 available ; Item Number. 265645141001 ; Brand. Unbranded ; Language. Books by Laura King The Science of Psychology(2nd Edition) An Appreciative View, by Laura A. King Hardcover, 736 Pages, Published 2010 by McGraw-Hill Humanities/Social ... Experience Psychology: Second Edition - Laura King Oct 4, 2012 — Title, Experience Psychology: Second Edition. Author, Laura King. Publisher, McGraw-Hill Higher Education, 2012. The Five Fingers by Gayle Rivers Genre/Quick Summary (No Spoilers): Seven men are sent into the jungles of eastern Asia to ambush and assassinate high level Chinese and North Vietnamese ... The Five Fingers - Gayle Rivers, James Hudson: Books This is an older book that purports to be a novelization of a Vietnam War special operation that went bad. ... The accounts of combat seem pretty realistic and ... Five Fingers, The book by Gayle Rivers Debate rages about the veracity of this book, but one thing remains: it is a monumental nail-biter/page-turner. Fans of war stories will not find better ... 5 Fingers The film is based on the true story of Albanian-born Elyesa Bazna, a spy with the code name of Cicero who worked for the Nazis in 1943-44 while he was employed ... 5 Fingers (1952) The story is one of 20th Century Fox's series of documentary-style films based on real events during World War II. The sense of danger and suspense is well ... Five Fingers, The: Rivers, Gayle This is an older book that purports to be a novelization of a Vietnam War special operation that went bad. ... The accounts of combat seem pretty realistic and ... Book Review: The Five Fingers Aug 3, 2019 — 'The Five Fingers' first was published in hardback in 1978. This Bantam paperback edition (339 pp) was published in June 1979; the cover artist ... gayle rivers - five fingers The Five Fingers by Gayle Rivers, James Hudson and a great selection of related books, art and collectibles available now at AbeBooks.com. Kindle_Touch_User_Guide_3rd_... User's Guide, customer service contact information, and other limited ... Amazon Kindle device software, the Amazon Kindle Quick Start Guide, and the Amazon. Kindle User's Guide Your Kindle features a touchscreen interface that enables you to perform many ... The Kindle Customer Service website at www.amazon.com/devicesupport has helpful. Kindle User's Guide This short guide will familiarize you with all of the features and functionality of the Kindle Touch. Registering your Kindle. If you bought your Kindle online ... Amazon Kindle Kindle Touch User Manual View and Download Amazon Kindle Kindle Touch user manual online. Amazon Kindle Kindle Touch: User Guide. Kindle Kindle Touch ebook reader pdf manual ... Kindle E-Reader Help - Amazon Customer Service Kindle E-Reader Help. Get help setting up and troubleshooting common issues with your Kindle E-reader. Amazon Kindle Touch User Manual View and Download Amazon Kindle Touch user manual online. 3rd Edition. Kindle Touch ebook reader pdf manual download. Digital Services and Device Support Need help with your Amazon devices and digital services, including Prime Video, Fire TV, Kindle, Alexa and Echo, Amazon Music, Amazon Games, and Smart Home ... How to use Kindle Paperwhite - About Amazon Feb 10, 2023 — If you've recently purchased a Kindle Paperwhite and are ready to start putting it to use, we're here

to help. Kindle Paperwhite User Guide: The... by Campbell, Curtis Kindle Paperwhite User Guide: The Complete User Manual with Tips & Tricks for Beginners and Pro to Master the All-New Kindle Paperwhite 10th Generation ... Learn About Sending Documents to Your Kindle Library Send to Kindle is a service that allows you to send documents to your Kindle library on your Kindle devices and Kindle app at no additional cost.