

# **Ebook Workshop Manual**

Intereurope

#### **Ebook Workshop Manual:**

eBook Automotive Mechanics, Revised Edition MAY, SIMPSON, 2023-05-21 This market leading resource has been providing students with an introduction to the service diagnosis and repair of passenger and light commercial vehicles for over 48 years This revised edition now addresses the needs of students studying the qualifications AUR20520 Cert II in Automotive Servicing Technology and AUR30620 Certificate III in Light Vehicle Mechanical Technology Updated content includes extended coverage on electrical and hybrid vehicles The resource also now includes the chapter The environment and the automotive service industry within the text previously found online only The revised edition also includes QR codes at key sections that take students directly to instructional videos Video topics include dismantling an oil pump checking bearing oil clearance and checking engine valves amongst others. The content ensures full coverage of the latest vehicle computer systems and diagnostic techniques The resource is available both in print and eBook versions and is complimented by a suite of online resources that provide students with practical tasks and quizzes to help them consolidate their learning Key Features Trusted and reliable content of the highest quality Language and use of images appropriate and suited to Certificate II and III students Covers all core units and the most popular electives from both the Certificate II and Certificate III courses A single volume course book that students will be able to refer to during and after their training Digital resources available for trainers to assist in the delivery of courses and for students to practice their skills and review their knowledge Now includes online video content to assist students understanding of key concepts Key line drawings have now been colour coded to aid student comprehension Jaguar E Type 1961-72 Autobook Kenneth Ball,1972 AR 27-20 02/08/2008 CLAIMS, Survival Ebooks Us Department Of Defense, www.survivalebooks.com, Department of Defense, Delene Kvasnicka, United States Government US Army, United States Army, Department of the Army, U. S. Army, Army, DOD, The United States Army, AR 27 20 02 08 2008 CLAIMS Survival Ebooks **AR 95-1 03/11/2014 FLIGHT REGULATIONS** , Survival Ebooks Us Department Of Defense, www.survivalebooks.com, Department of Defense, Delene Kvasnicka, United States Government US Army, United States Army, Department of the Army, U. S. Army, Army, DOD, The United States Army, AR 95 1 03 11 2014 FLIGHT REGULATIONS Survival Ebooks **EBOOK Abnormal Lab Results Manual Geoffrey** Kellerman, 2015-03-06 Abnormal Laboratory Results is a comprehensive collection of common abnormal test results which examine the dilemmas of abnormal tests and outlines how to approach them Each test is analysed and interpreted in a structured logical way and assessed in terms of its abnormal and normal reference range The results are then presented in a variety of clinical contexts so an accurate prognosis and recommendations on management can be made Each chapter was originally published as an article in the series titled Abnormal Laboratory Results by the journal Australian PrescriberKey Features 13 completely new chaptersAll previous chapters updatedPVC cover and two colour internals New Book Abnormal Laboratory Results Geoffrey Kellerman from McGraw Hill Education ANZ Medical Aston Martin 1921-58 Autobook

Dudley Coram, 1970 Workshop Manual R.K. Singal, 2009 **EBOOK Diesel Engine Basics** Les Simpson, Stephen Murray, 2015-03-06 Diesel Engine Basics is print only Introduction Diesel Engine Basics is dedicated to the basics of diesel mechanics within an Australian context This text provides a practical reference for instructors and students to utlise throughout not onlytheir course but also their career The text is an Ideal companion to Simpson's bestselling text Automotive Mechanics 8e ScopeDiesel Engine Basics provides coverage across Certificate III Automotive Technology AUAR30405Certificate IV Automotive Technology AUR40208 40205Diploma of Automotive Technology AUR50205Certificate III MarineCertificate III Outdoor Power Equipment 2018 CFR e-Book Title 10, Energy, Parts 51-199 Office of The Federal Register.2018-01-01 AR 750-1 09/12/2013 ARMY MATERIEL MAINTENANCE POLICY, Survival Ebooks Us Department Of Defense, www.survivalebooks.com, Department of Defense, Delene Kvasnicka, United States Government US Army, United States Army, Department of the Army, U. S. Army, Army, DOD, The United States Army, AR 750 1 09 12 2013 ARMY MATERIEL MAINTENANCE POLICY Survival Ebooks EBOOK Gastroenterology and Hepatology Manual Isidor Segal, 2015-03-06 The rise of international travel has given previously region specific diseases a global presence The book is aimed at students interns fellows and health care providers It contains chapters devoted to clinical examination and an outline of how to approach common problems encountered at the bedside The format and style of the book allows common clinical problems to be identified and recognised within the framework of a global perspective Key Features Fourth book in the Quick Flick SeriesTruly international topic and contentSuccinct Chapters by SMEsDivided into sections and covers gastro hepatology pancreatic disorders and a unique section on traditional medicineEssential for doctors in Australia who are now faced with a broader range of diseases that ever due to travel and immigrationEnsures Doctors will keep up to date and prevent pitfalls in diagnosisNew Book Gastroenterology and Hepatology A Manual View more documents from McGraw Hill Medical Australia Automobile Repair Manual Gardener Burnell Manly, 1949 **EBOOK Electrical Wiring Practice Keith** Pethebridge, Ian Neeson, Paul Lowe, 2018-09-28 The 8th edition of Electrical Wiring Practice has been carefully revised to meet the needs of electrotechnology students and professionals looking to further advance their trade competencies. The new edition has been updated to include the latest amendments to the Australian and New Zealand Wiring Rules AS NZS 3000 2018 and forms essential reading for Cert II and Cert III electrical apprentices Streamlined into a handy single volume textbook the chapters now comprehensively align with the knowledge and skills specified by the UEE electrotechnology training package and the essential performance capabilities required for an electrical licence The units of competency covered by the 8th edition include UEENEEG105A Verify compliance and functionality of low voltage general electrical installations CIII Core and CII CoreUEENEEE104A Solve problems in d c circuits CIII Core and CII ElectiveUEENEEE101A Apply Occupational Health and Safety regulations codes and practices in the workplace CIII Core and CII ElectiveUEENEEE137A Document and apply measures to control OHS risks associated with electrotechnology work CIII

CoreUEENEEG063A Arrange circuits control and protection for general electrical installations CIII CoreUEENEEG106A Terminate cables cords and accessories for low voltage circuits CIII CoreUEENEEE105A Fix and secure electrotechnology equipment CIII Core and CII ElectiveUEENEEE107A Use drawings diagrams schedules standards codes and specifications CIII CoreUEENEEG103A Install low voltage wiring and accessories CIII CoreUEENEEG033A Solve problems in single and three phase low voltage electrical apparatus and circuits CIII CoreUEENEEG108A Trouble shoot and repair faults in low voltage electrical apparatus and circuits CIII CoreUEENEEG104A Install appliances switchgear and associated accessories for low voltage electrical installations CIII CoreUEENEEG107A Select wiring systems and cables for low voltage general electrical installations CIII CoreUEENEEK142A Apply environmentally and sustainable procedures in the energy sector CIII Core and CII Elective UEENEEGOO6A Solve problems in single and three phase low voltage machines CIII CoreUEENEEE102A Fabricate assemble and dismantle utilities industry components CIII Core Written in a clear and concise manner the text employs full colour diagrams and photographs to illustrate key concepts The new structure and highly visual layout facilitate effective learning IMPROVEMENTS INCLUDE Major updates to chapters on Workplace and electrical safety Regulations and Standards Renewable energyand Lighting applications Streamlined table of contents condensed into one single handy volume Improved chapter structure and layout to enhance readability and ease of use Full colour illustrative material Updated examples with worked solutions End of chapter summaries and review exercises **Another Perfect** Catastrophe Brad Barkley, 2025-08-22 In the spirit of Tobias Wolff and Richard Ford these ten chilling deeply felt stories from acclaimed author Brad Barkley explore the complexity of male friendships and marital relationships Among the stories is The Way It's Lasted in which Billy deals with his crumbling marriage and a visit from his father who may or may not have cancer and who is desperate to see the reconstruction of Noah's Ark at a nearby church Beneath the Deep Slow Motion introduces us to Bosco and Ray two drifters who scheme about murdering a neighbor and stealing his diamond collection so that they can afford to pay doctors to save Bosco from an untimely death Nelson's mother Myra in Mistletoe has Lou Gehrig's disease and he struggles with her request for help in killing herself before the disease does The title story brings us to Reed who feels reluctant to leave his childhood friend Sugar who was crippled in a logging accident ten years ago when Reed s much younger girlfriend Lyndsey pressures him to move on In these stories and others Barkley's prose and his ability to create a palpable sense of time and place and mood bring his characters vividly to life Through these honestly crafted and carefully executed tales of people who find themselves banging their heads against their reduced circumstances Barkley restores our faith in human beings ability to endure the ravages of time with decency and humor With his touching and critically praised novel Alison's Automotive Repair Manual Barkley established himself as a writer to watch and in Another Perfect Catastrophe he proves to be at the height of his powers Underline this writer as one whose work needs to be on your shelf You will be much the better for it Mississippi Clarion Ledger Alfa Romeo Giulia 1600, 1750 1962-72 Autobook

The Official Introduction Guide to EmoTrance 2009 Alex Kent, 2009-04 Explains EmoTrance as well as Kenneth Ball, 1972 the many applications that have led people from different walks of life to embrace EmoTrance as the true emotional healing technique for the 21st century This guide provides information about the International Annual EmoTrance Conference alongside innovations such as Energy Dancing The Love Clinic and Beauty T **Workshop Manual for Morris Eight** Workshop Manual for Toyota Land Cruiser Intereurope, 1969 **1935, Series I and Series II Vehicles** Brian Jackson, 2002 CompTIA A+ Certification Study Guide 7/E Exam 220-701&702 (ENHANCED EBOOK) Jane Holcombe, Charles Holcombe, 2011-01-20 Work through key exercises for the latest release of the CompTIA A certification exam with help from 12 certcam videos Reviewed and authorized by CompTIA's CAQC program this is the most exam focused CompTIA'A certification training and self assessment study system available for the new CompTIA A exams The book features step by step exercises chapter self tests and in depth explanations It includes four complete practice exams a full color photographic insert lab questions and a free segment of LearnKey's A video training Plus this enhanced e book offers 12 certcam videos showing exactly how to do key exercises within the book Nissan Cherry Owners Workshop Manual A. K. Legg, 1987

Yeah, reviewing a books **Ebook Workshop Manual** could add your near connections listings. This is just one of the solutions for you to be successful. As understood, exploit does not recommend that you have extraordinary points.

Comprehending as capably as conformity even more than new will meet the expense of each success. bordering to, the pronouncement as capably as perception of this Ebook Workshop Manual can be taken as capably as picked to act.

https://yousky7.com/public/publication/index.jsp/advanced methods for how to start ai image generator ideas.pdf

#### **Table of Contents Ebook Workshop Manual**

- 1. Understanding the eBook Ebook Workshop Manual
  - The Rise of Digital Reading Ebook Workshop Manual
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Ebook Workshop Manual
  - 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 Ebook Workshop Manual
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Ebook Workshop Manual
  - Personalized Recommendations
  - Ebook Workshop Manual User Reviews and Ratings
  - Ebook Workshop Manual and Bestseller Lists
- 5. Accessing Ebook Workshop Manual Free and Paid eBooks
  - Ebook Workshop Manual Public Domain eBooks
  - Ebook Workshop Manual eBook Subscription Services

- Ebook Workshop Manual Budget-Friendly Options
- 6. Navigating Ebook Workshop Manual eBook Formats
  - o ePub, PDF, MOBI, and More
  - Ebook Workshop Manual Compatibility with Devices
  - Ebook Workshop Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Ebook Workshop Manual
  - Highlighting and Note-Taking Ebook Workshop Manual
  - Interactive Elements Ebook Workshop Manual
- 8. Staying Engaged with Ebook Workshop Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Ebook Workshop Manual
- 9. Balancing eBooks and Physical Books Ebook Workshop Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Ebook Workshop Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Ebook Workshop Manual
  - Setting Reading Goals Ebook Workshop Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Ebook Workshop Manual
  - Fact-Checking eBook Content of Ebook Workshop Manual
  - 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

# **Ebook Workshop Manual 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 Ebook Workshop Manual 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 Ebook Workshop Manual 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 Ebook Workshop Manual free PDF files is convenient, its 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 its essential to be cautious and verify the authenticity of the source before downloading Ebook Workshop Manual. In conclusion, the internet offers

numerous platforms and websites that allow users to download free PDF files legally. Whether its 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 Ebook Workshop Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

#### **FAQs About Ebook Workshop Manual 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 webbased 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. Ebook Workshop Manual is one of the best book in our library for free trial. We provide copy of Ebook Workshop Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Ebook Workshop Manual. Where to download Ebook Workshop Manual online for free? Are you looking for Ebook Workshop Manual PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Ebook Workshop Manual. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Ebook Workshop Manual are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Ebook

Workshop Manual. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Ebook Workshop Manual To get started finding Ebook Workshop Manual, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Ebook Workshop Manual So depending on what exactly you are searching, you will be able tochoose ebook to suit your own need. Thank you for reading Ebook Workshop Manual. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Ebook Workshop Manual, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Ebook Workshop Manual is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Ebook Workshop Manual is universally compatible with any devices to read.

# **Find Ebook Workshop Manual:**

advanced methods for how to start ai image generator ideas beginner tutorial for what is ai for teachers best ai writing assistant guide complete guide to ultimate ai business ideas step by step advanced methods for ultimate chatgpt prompts step by step advanced methods for best ai seo tools guide advanced methods for new chatgpt prompts ideas best strategies for how do i ai for students step by step beginner tutorial for easy ai automation 2025 beginner tutorial for how to start ai tools 2025 complete guide to best ai writing assistant step by step beginner tutorial for best ai video generator ideas advanced methods for trending agentic ai tips advanced methods for how to start ai image generator best strategies for quick ai for teachers ideas

# **Ebook Workshop Manual:**

Rita Mulcahy PMP Exam Prep, Eighth Edition ... Rita Mulcahy PMP Exam Prep, Eighth Edition Ritas Course in a Book for Passing the PMP Exam 2013 ... Rita Mulcahy - PMP Exam Prep, Ninth Edition (001-140) PDF. 63 ... PMP Exam Prep, Eighth Edition - Updated:... by Rita Mulcahy Years of PMP exam preparation experience, endless hours of ongoing research, interviews with project managers who failed the exam to identify gaps in their ... PMP Exam Prep, Eighth Edition - Updated: Rita's Course ... PMP Exam Prep, Eighth Edition - Updated: Rita's Course in a Book for Passing the PMP Exam [Rita Mulcahy] on Amazon.com. \*FREE\* shipping on qualifying offers ... 110bs PMP Exam Prep 8th Edition Ritas Course in A Book ... 110bs.pmp.Exam.prep.8th.edition.ritas.course.in.a.book.for.passing.the.PMP.exam - Free ebook download as PDF File (.pdf), Text File (.txt) or read book ... (PDF) Rita's Course in a Book® for Passing the Project ... Rita's Course in a Book® for Passing the Project Management Professional (PMP)® Exam Rita Mulcahy's™ Ninth Edition Inside this book: • Tricks of the Trade® ... Rita's Course in a Book for Passing the PMP Exam Eighth ... PMP Exam Prep: Rita's Course in a Book for Passing the PMP Exam Eighth Edition; Delivery. Free shipping - Arrives by Christmas. Get it between Sat, Dec 16 and ... PMP Exam Preparation book, 8th edition updated By Rita ... i'm looking for the (PMP Exam Preparation book, 8th edition updated By Rita Mulcahy) this one it's the updated version of the 8th edition, so i need to find it ... Rita Mulcahy's Free Tips on Passing the PMP® Exam The course includes Rita's entire PMP Exam Prep system for free as part of ... The PMP Exam Prep System includes the PMP® Exam Prep book, PM FASTrack exam ... In which site can I get a PDF copy of PMP 8th Edition ... Aug 30, 2018 — It's easily the No.1 best-selling PMP Exam Prep book. There are several ways to prepare for the PMP exam. One of the most popular ways, ... PMP® Exam Prep, Eleventh Edition - All Products Study for the PMP certification exam with RMC Learning Solution's PMP Exam Prep, 11th Edition - originally developed by Rita Mulcahy. Working as a Field Engineer at Schlumberger: 137 Reviews The job itself is very stressful and includes very long hours a lot of the time. There's no work life balance. Pros. Field Engineer | Schlumberger The WEC Field Engineer - DD identifies opportunities to improve service delivery, implements standard work, and manage, risk during service delivery. Roles and ... Early Careers - Operations Field Engineer. Be involved in every phase of our business; Field Specialist. Turn technical expertise into transformative impact; Field Technical Analyst. SLB Cement Field Engineer Salaries The average salary for a Field Engineer - Cementing is \$81,856 per year in United States, which is 29% lower than the average SLB salary of \$115,567 per year ... Cementing Field Specialist | Schlumberger The purpose of the position is to execute the different cementing processes of both primary and remediation oil wells. A successful person in this position must ... SLB Cement Field Engineer Salaries in Midland The average salary for a Cement Field Engineer is \$69,532 per year in Midland, TX, which is 27% lower than the average SLB salary of \$96,015 per year for this ... How is it to be a Field Engineer in Schlumberger? Dec 5, 2012 — A Field Engineer in

Schlumberger is like an adjustable wrench. He/she can be used to tighten any bolt as and when needed... Instead of getting ... My Schlumberger Career- Field Engineer - YouTube Schlumberger - Cementing : r/oilandgasworkers Greetings,.. I've just recieved a job offer letter from Schlumberger in Cementing as Field Engineer Trainee. I'm aware of Schlumberger general ... ACS General Chemistry Practice Test (2023) Oct 26, 2023 — ACS General Chemistry Exam Outline. The ACS General Chemistry Exam contains 70 multiple-choice questions and has a time limit of 110 minutes. ACS Exams | ACS Division of Chemical Education ... The newest exam for general chemistry conceptual for first-term, second-term and full ... If you are preparing to take an ACS final exam, there are resources ... Exam Information National Exams Format; Part I: Problem Solving. 90 min | 60 multiple-choice questions. Covers broad chemistry topics; Part II: Problem Solving. 105 min | 8 ... ACS Gen Chem 1 Exam Flashcards Based on notes taken after going through the ACS General Chemistry Examination Official Guide. Intended for use on the first-semester exam. What Is The ACS Chemistry Exam (College Final)? In short, the ACS Chemistry Exams are 2 hour standardized tests that have a lot of mystery surrounding them (See link at bottom for more on the format). General Chemistry ACS Final Exam Flashcards Study with Quizlet and memorize flashcards containing terms like Protons, Neutrons, Electrons and more. Reviewing for ACS Final Exam 1st Semester - 1061.pdf The CHEM 1061 Final Exam will be a one-term standardized exam written by the ACS. The goal is to see how well students know and understand chemistry, ... Taking the ACS Standardized Chemistry Final in General ... The format of the ACS Exam (at least in Gen Chem) is 2 hour time limit, 70 multiple choice questions, on a scantron. You are allowed a non-programmable ... ACS Practice Test 1 Which is a proper description of chemical equilibrium? (A)The frequencies of reactant and of product collisions are identical. (B)The concentrations of products ...