South African Army

Military Training Programme 2023 / 2024

South African Military Training Programme 2015 2016

Ian Pickup

South African Military Training Programme 2015 2016:

Right here, we have countless book **South African Military Training Programme 2015 2016** and collections to check out. We additionally present variant types and in addition to type of the books to browse. The usual book, fiction, history, novel, scientific research, as capably as various supplementary sorts of books are readily friendly here.

As this South African Military Training Programme 2015 2016, it ends up monster one of the favored books South African Military Training Programme 2015 2016 collections that we have. This is why you remain in the best website to see the incredible book to have.

http://www.frostbox.com/public/book-search/fetch.php/the_passion_thief.pdf

Table of Contents South African Military Training Programme 2015 2016

- 1. Understanding the eBook South African Military Training Programme 2015 2016
 - The Rise of Digital Reading South African Military Training Programme 2015 2016
 - Advantages of eBooks Over Traditional Books
- 2. Identifying South African Military Training Programme 2015 2016
 - 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 South African Military Training Programme 2015 2016
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from South African Military Training Programme 2015 2016
 - Personalized Recommendations
 - South African Military Training Programme 2015 2016 User Reviews and Ratings
 - South African Military Training Programme 2015 2016 and Bestseller Lists
- 5. Accessing South African Military Training Programme 2015 2016 Free and Paid eBooks

- South African Military Training Programme 2015 2016 Public Domain eBooks
- South African Military Training Programme 2015 2016 eBook Subscription Services
- South African Military Training Programme 2015 2016 Budget-Friendly Options
- 6. Navigating South African Military Training Programme 2015 2016 eBook Formats
 - o ePub, PDF, MOBI, and More
 - South African Military Training Programme 2015 2016 Compatibility with Devices
 - South African Military Training Programme 2015 2016 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of South African Military Training Programme 2015 2016
 - Highlighting and Note-Taking South African Military Training Programme 2015 2016
 - Interactive Elements South African Military Training Programme 2015 2016
- 8. Staying Engaged with South African Military Training Programme 2015 2016
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers South African Military Training Programme 2015 2016
- 9. Balancing eBooks and Physical Books South African Military Training Programme 2015 2016
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection South African Military Training Programme 2015 2016
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - $\circ \ \ Minimizing \ Distractions$
 - Managing Screen Time
- 11. Cultivating a Reading Routine South African Military Training Programme 2015 2016
 - Setting Reading Goals South African Military Training Programme 2015 2016
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of South African Military Training Programme 2015 2016
 - Fact-Checking eBook Content of South African Military Training Programme 2015 2016
 - 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

South African Military Training Programme 2015 2016 Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In todays fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free South African Military Training Programme 2015 2016 PDF books and manuals is the internets largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge

promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free South African Military Training Programme 2015 2016 PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of South African Military Training Programme 2015 2016 free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About South African Military Training Programme 2015 2016 Books

- 1. Where can I buy South African Military Training Programme 2015 2016 books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
- 2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
- 3. How do I choose a South African Military Training Programme 2015 2016 book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
- 4. How do I take care of South African Military Training Programme 2015 2016 books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
- 5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.

- 6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
- 7. What are South African Military Training Programme 2015 2016 audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
- 8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
- 9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
- 10. Can I read South African Military Training Programme 2015 2016 books for free? Public Domain Books: Many classic books are available for free as theyre in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find South African Military Training Programme 2015 2016:

the passion thief

the nervous system crossword puzzle biology corner

the music of the stanley brothers music in american life
the paf method to overcome children s fears
the past is a foreign country
the parabolic edition dps middle school math wiki
the outsiders literature guide answer key
the ming dynasty tombs english edition
the new ray bradbury review number
the mmpi 2 an interpretive manual

the moving pageant rick allen the origins of genome architecture the outstanding math guide

the misdeed the good deed volume 1

the memoirs of sherlock holmes

South African Military Training Programme 2015 2016:

the best 100 poems of dorothy porter good reading - Jan 08 2023

web dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her life s work as selected by her

the best 100 poems of dorothy porter by dorothy porter - Mar 30 2022

web australian poetry australian also titled best one hundred poems of dorothy porter available from 37 39 langridge st collingwood vic 3066

the best 100 poems of dorothy porter open library - Aug 03 2022

web oct 23 2013 dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her life s work

the best 100 poems of dorothy porter scribd - Oct 05 2022

web the best 100 poems of dorothy porter by porter dorothy 2013 black inc edition in english

the best 100 poems of dorothy porter google books - Apr 11 2023

web the best 100 poems of dorothy porter draws from her life s work to present the many facets of porter the poet from stretching the fabric of ancient mythology to delving into

the best 100 poems of dorothy porter black inc - Feb 09 2023

web the best 100 poems of dorothy porter ebook written by dorothy porter read this book using google play books app on your pc android ios devices download for offline

the best 100 poems of dorothy porter austlit - Aug 15 2023

web the best 100 poems of dorothy porter draws from her lifes work to present the many facets of porter the poet from stretching the fabric of ancient mythology to delving into the beauty of the natural world or inking an intimate message on your heart

the best 100 poems of dorothy porter ebook barnes noble - Sep 04 2022

web dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her life s work as selected by her

the best 100 poems of dorothy porter overdrive - Jun 01 2022

web 135 x 206 x 17mm dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and

verse novels this collection the best of her life s work

the best 100 poems of dorothy porter amazon co uk - May 12 2023

web dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her life s work as selected by her

the best 100 poems of dorothy porter amazon com - Jun 13 2023

web buy the best 100 poems of dorothy porter large type large print by porter dorothy isbn 9781459692398 from amazon s book store everyday low prices and free

the best 100 poems of dorothy porter national library of australia - Jan 28 2022

web discover and share books you love on goodreads

the best 100 poems of dorothy porter kindle edition - Sep 23 2021

the best 100 poems of dorothy porter uniport edu - Oct 25 2021

the best 100 poems of dorothy porter readings books - Apr 30 2022

web buy the best 100 poems of dorothy porter by dorothy porter online at alibris we have new and used copies available in 2 editions starting at 16 70 shop now

the best 100 poems of dorothy porter abebooks - Jul 02 2022

web nov 4 2013 black inc s the best 100 poems of dorothy porter concisely represents her rich and varied writing career and shows her stylistic development from the early

the best 100 poems of dorothy porter kobo com - Nov 06 2022

web oct 23 2013 dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her

the best 100 poems of dorothy porter alibris - Feb 26 2022

web brett dean dedicated the first movement of his epitaph for string quintet viola quintet 2010 in memory of dorothy porter bibliography poetry collections little hoodlum

the best 100 poems of dorothy porter google books - Jul 14 2023

web the best 100 poems of dorothy porter draws from her life s work to present the many facets of porter the poet from stretching the fabric of ancient mythology to delving into

dorothy porter wikipedia - Dec 27 2021

web mar 1 2023 musa is better than that it s a big bad book that promises the world then burns it all joyously down

saturday paper it s his mixture of the harsh and the tender

the best 100 poems of dorothy porter google books - Mar 10 2023

web whether stretching the fabric of ancient mythology discovering the beauty of the natural world or inking an intimate message on the heart porter s verse is endlessly

the best 100 poems of dorothy porter google play - Dec 07 2022

web oct 23 2013 dorothy porter was one of australia s true originals renowned for her passionate punchy poetry and verse novels this collection the best of her life s work

loading interface goodreads - Nov 25 2021

sheet metal design guide 2021 update geomiq formulas for sheet - Apr 23 2022

web geomiq s sheet metal design guide helps you about your design process to accelerate production time furthermore reduce production costs

fabrication formulas sheetmetal pdf pdf sheet metal scribd - May 05 2023

web fabrication formulas formulas bend allowance ba the amount of added to the sum of the two leg lengths to obtain the flat pattern length bend deduction bd the amount removed from the sum of the two flange lengths to obtain a flat pattern sheetmetal me formulas and functions 1 4 fl1 11 13 fabrication formulas

sheet metal fabrication design guideline a comprehensive guide - Feb 02 2023

web feb 24 2023 sheet metal fabrication is a complex process that involves designing cutting bending and assembling sheet metal into a final product however even the most skilled designers can make mistakes that can lead to costly rework or scrapped parts

sheet metal fabrication design guide - Jun 06 2023

web sheet metal fabrication is the process of forming parts from a metal sheet by punching cutting stamping and bending 3d cad files are converted into machine code which controls a machine to precisely cut a flat pattern which can be formed into the final part using press brakes and die tools

mastering sheet metal layout and fabrication essential formulas - Aug 08 2023

web sheet metal layout and fabrication is a vital skill for professionals in various industries including construction automotive and aerospace mastering this skill requires a solid understanding of the essential formulas and techniques used in the process

handbook of machining and metalworking calculations - Jan 01 2023

web dec 22 2000 mathematics for machinists and metalworkers mensuration of plane and solid figures layout procedures

for geometric figures measurement and calculation procedures for machinists formulas and calculations for machining operations formulas for sheet metal layout and fabrication gear and sprocket calculations ratchets sheet metal design guide 2021 update geomig 6 formulas for sheet - Jul 07 2023

web geomiq s sheet solid design leader helps you with your design proceed to accelerate furniture time and remove production costs

fabrication formulas sheetmetal me - Oct 10 2023

web formulas bend allowance be the amount of added to the sum of the two leg lengths to obtain the flat pattern length bend deduction bd the amount removed from the sum of the two flange lengths to obtain a flat pattern material thickness mt the gauge of the material in decimal form bend angle b the inside angle between

sheet metal manufacturing design formula and calculations - Apr 04 2023

web the following are to links of sheet metal design resources tools articles and other useful data should you find any errors omissions broken links please let us know feedback sheet metal bend design and bend allowance equations and calculators what is a flat pattern or fabrication layout let sfab - Jun 25 2022

web in this method you have to use some numerical calculation formulas to derive your flat pattern layout markings of required fabrication shapes or sheet metal shapes you have to use different formulas for different shapes and you can calculate in very simple ways

sheet metal fabrication hubs - Sep 28 2022

web how does sheet metal fabrication work there are several different ways to shape sheet metal but they all boil down to two broad categories sheet metal can either be cut or formed as there are many different ways of cutting and forming sheet metal many specific tooling types are needed which can drive up costs

chapter 6 formulas for sheet metal layout and fabrication - Sep 09 2023

web the following sections show the methods used to calculate flat patterns for brake bent or die formed sheet metal parts the later sections describe the geometry and instructions for laying out sheet metal developments and transitions also included are calculations for punching requirements of sheet metal parts and tooling requirements for

sheet metal unfold rules equations ketiv ava - Oct 30 2022

web ketiv technologies ketiv ava introduction 1 1 bend parameters used in this document the following parameters and terms are used throughout this document figure 1 basic

formulas for sheet metal layout and fabrication pantera adecco - Mar 23 2022

web die engineering layouts and formulas a reference book illustrating and describing the key designs of punches and dies based on precept and formulas sheet metal layout simplified

sheet metal layout formulas 2013 the contemporary austin org - May 25 2022

web metal fabrication is the creation of metal structures by cutting and bending sheet metal than assembling those formed components into a pre determined product applied metal boatbuilding methods sheetmetal pattern development is basic to rounding out your metalworking layout

developing design guidelines for load carrying sheet metal - Jul 27 2022

web higher volumes pressing sheet metal is often more cost efficient due to the speed and ability to automate the majority of the process the definitions of bending and pressing can be seen in chapter 3 2 the method of pressing sheet metal also enables more complex geometries and thus makes it possible to eliminate welding of the components

formulas for sheet metal layout and fabrication - Feb 19 2022

web sheetmetal layout formulas to calculate the cut sizes locations of bend lines and interior features demonstrated through the fabrication of marine components typical to steel and aluminum pleasure craft fabrication of metallic pressure vessels owen r greulich 2021 11 02 fabrication of metallic pressure vessels a

sheet metal design handbook thomasnet - Mar 03 2023

web form height to thickness ratio to determine the minimum form height for sheet metal use the following formula d 2 5t r see below the height can be less but it required secondary operations and is far more costly 5

cheat sheet for designing sheet metal pieces rapid axis - Aug 28 2022

web jan 26 2022 if the shop is using a v die to make the flange there is a minimum and maximum length that any flange can be in general the flange needs to be at least 3 though we suggest 4 times longer than the thickness of the material for sheet metal that s 0.120 thick that means a minimum flange length of 0.480 long

sheet metal bending calculation basics the fabricator - Nov 30 2022

web nov 9 2012 more than one sheet metal bending formula press brake technicians can use various formulas to calculate bend functions for instance in this article we have used the following for outside setback ossb tangent degree of bend angle 2 material thickness inside radius

0654 co ordinated sciences the allpapers - Apr 02 2023

web cambridge is publishing the mark schemes for the october november 2013 series for most igcse gce advanced level and advanced subsidiary level components and some ordinary level components

5054 w13 ms 11 gce guide - Mar 21 2022

web mark scheme for the october november 2013 series 5054 physics 5054 11 multiple choice maximum raw mark 40 mark schemes should be read in conjunction with the question paper and the principal examiner report for teachers cambridge is publishing the mark schemes for the october november 2013 series for most igcse

cambridge igcse co ordinated sciences 0654 43 question paper oct nov - Sep 26 2022

web question paper of cambridge igose co ordinated sciences 0654 paper 43 october november 2021 examination o level a level igose contact co ordinated sciences 0654 november 2021 question papers question paper 11 question paper 12 question paper 22 question paper 23

sciences co ordinated 0654 past papers 2013 oct nov - Sep 07 2023

web sciences co ordinated 0654 past papers 2013 oct nov download sciences co ordinated 0654 past papers 2013 oct nov download epastpapers is the best place to find cambridge igcse sciences co ordinated 0654 past papers and other resources we have a wide range of papers and other resources that can help you prepare for your

past papers cambridge igcse sciences co ordinated double 0654 - Aug 26 2022

web aug 13 2023 past papers cambridge igcse sciences co ordinated double 0654 2016 gce guide past papers of cambridge igcse sciences co ordinated double 0654 2016 cambridge o levels cambridge igcse cambridge int l as a levels caie october november 2023 session starts 0

cambridge igcse sciences co ordinated double 0654 - Dec 30 2022

web available in all administrative zones cambridge igcse co ordinated sciences double award gives learners the opportunity to study biology chemistry and physics each covered in separate syllabus sections it is a double award qualification earning two grades

past papers cambridge igcse sciences co ordinated double 0654 - Oct 28 2022

web aug 13 2023 caie past papers for cambridge o level cambridge int l as and a level and cambridge igcse subjects past papers cambridge igcse sciences co ordinated double 0654 2018 gce guide may 2023 papers

past papers cambridge igcse sciences co ordinated double 0654 - May 23 2022

web aug 13 2023 past papers cambridge igcse sciences co ordinated double 0654 2022 gce guide past papers of cambridge igcse sciences co ordinated double 0654 2022 cambridge o levels cambridge igcse cambridge int l as a levels caie october november 2023 session starts 0

cambridge igcse co ordinated sciences 0654 oct nov 2022 - Feb 17 2022

web co ordinated sciences 0654 co ordinated sciences 0654 november 2022 igcse cambridge international examination question papers october november 2022 question paper 11 question paper 12 question paper 13 question paper 21 question paper 22 question paper 23 question paper 31 question paper 31 question paper 31 question paper 31 question paper 32 question paper 31 ques

past papers cambridge igcse sciences co ordinated double 0654 - Nov 28 2022

web aug 13 2023 caie past papers for cambridge o level cambridge int l as and a level and cambridge igcse subjects past papers cambridge igcse sciences co ordinated double 0654 2014 gce guide may 2023 papers

cambridge igcse sciences co ordinated double 0654 - Jun 04 2023

web cambridge igcse sciences co ordinated double 0654 past papers examiner reports and specimen papers you can download one or more papers for a previous session please note that these papers may not reflect the content of the current syllabus

sciences co ordinated 0654 past papers 2022 oct nov - Apr 21 2022

web sciences co ordinated 0654 past papers 2022 oct nov download epastpapers is the best place to find cambridge igcse sciences co ordinated 0654 past papers and other resources we have a wide range of papers and other resources that can help you prepare for your exams

igcse sciences co ordinated double 2013 past papers - Jul 05 2023

web oct 16 2018 directory igcse science combined may june past papers 0654 s13 er 0654 s13 gt 0654 s13 ir 51 0654 s13 ir 52 0654 s13 ms 11 0654 s13 ms 12 0654 s13 ms 13

past papers cambridge igcse sciences co ordinated double 0654 - Jul 25 2022

web aug 13 2023 cambridge int l as a levels caie october november 2023 session starts 0 days 0 hours 0 minutes 0 seconds update s 13 08 2023 new as a level latest papers added if any paper is still missing please report using the contact us tab march 0654 m21 er pdf 0654 m21 gt pdf 0654 m21 ms 12 pdf 0654 m21 ms 22 pdf

0654 co ordinated sciences igcse examguru - Mar 01 2023

web cambridge international examinations international general certificate of secondary education xtremepapers com mark scheme for the october november 2013 series 0654 co ordinated sciences paper 3 extended theory maximum raw mark 120 0654 31

past papers cambridge igcse sciences co ordinated double 0654 - Aug 06 2023

web aug 13 2023 cambridge igcse sciences co ordinated double 0654 cambridge igcse sciences co ordinated double 0654 past papers cambridge igcse sciences co ordinated double 0654 question papers cambridge igcse sciences co ordinated double 0654 marking schemes cambridge igcse sciences co

igcse 0654 2013 october november paper copy wiki lwn - Jun 23 2022

web igcse 0654 2013 october november paper this is likewise one of the factors by obtaining the soft documents of this igcse 0654 2013 october november paper by online you might not require more get older to spend to go to the book establishment as well

international general certificate of secondary education igcse - Jan 31 2023

web mark scheme for the october november 2013 0654 co ordinated sciences 0654 21 paper 2 core theory maximum raw mark 120 this mark scheme is published as an aid to teachers and candidates to indicate the requirements of the examination

it shows the basis on which examiners were instructed to award marks

oct nov 2013 igcse co ordinated sciences paper sc query - Oct 08 2023

web oct nov 2013 w13 past papers for igcse co ordinated sciences search oct nov 2013 w13 refine your search by adding paper number igcse co ordinated sciences oct nov 2013 examiner report 53 pages pdf grade thresholds 2 pages pdf igcse co ordinated sciences oct nov 2013 paper 1 variant 1 question paper 20 pages pdf mark

past papers igcse sciences co ordinated double 0654 - May 03 2023

web home igcse sciences co ordinated double 0654 2023 march 2023 may june 2022 feb march 2022 may june 2022 oct nov 2021 may june 2021 mrach 2021 oct nov 2020 may june 2020 oct nov 2019 may june 2019 oct nov