CEET Lagrangian and standards applicable to underground coal names 8(201):

#### QUESTION 12 (18 marks)

Based on the Entity concept parameters detailed below:

G POWER SUPPLY			IS SOLENOID	
Uo.	13.2V		U	129
6	2A		-	2.5A
Co	16uF		0	10uF
16	95mH	Catrie	U	Smiri
UR	Soutrone			

Cable Parameters are: Capacitance + 6 fulfilm

Inductance + 0.5uH/m L/R + 60uH/m/m

- Given the capacitance values for the power supply, cable and sciencid, what will be the maximum permitted cable length?(2 Marks)
- In considering your answer for part a), and the inductance values of each component, what can the maximum length of the cable be? (2 Marks)
- The sciencid is controlled from an output of the relay mounted in the main enclosure on the machine. The output contact of the relay is not shown in the parameter drawing above. Does it need to be considered when evaluating the circuit parameters? (1 Mark)
- ii) What information would you expect to be displayed on the nameplate of the sciencis? (2 Marks)
- The label on the sciencid has "T2" marked on it. What specific installation requirement would have to be in place for this sciencid to be used on a continuous miner? (1 Mark)

Questions isordinae instead page

Page 15 of No.

# **Mechanical Engineering Science N1 Question Papers**

**Robert R. Redfield** 

**Mechanical Engineering Science N1 Question Papers:** 

This is likewise one of the factors by obtaining the soft documents of this **Mechanical Engineering Science N1 Question Papers** by online. You might not require more era to spend to go to the ebook instigation as well as search for them. In some cases, you likewise do not discover the publication Mechanical Engineering Science N1 Question Papers that you are looking for. It will very squander the time.

However below, as soon as you visit this web page, it will be consequently very simple to get as with ease as download guide Mechanical Engineering Science N1 Question Papers

It will not receive many grow old as we notify before. You can pull off it even though measure something else at house and even in your workplace. consequently easy! So, are you question? Just exercise just what we give under as competently as review **Mechanical Engineering Science N1 Question Papers** what you like to read!

https://staging.conocer.cide.edu/results/uploaded-files/index.jsp/Literature Of The Holocaust.pdf

#### **Table of Contents Mechanical Engineering Science N1 Question Papers**

- 1. Understanding the eBook Mechanical Engineering Science N1 Question Papers
  - The Rise of Digital Reading Mechanical Engineering Science N1 Question Papers
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Mechanical Engineering Science N1 Question Papers
  - 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 Mechanical Engineering Science N1 Question Papers
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Mechanical Engineering Science N1 Question Papers

- Personalized Recommendations
- Mechanical Engineering Science N1 Question Papers User Reviews and Ratings
- Mechanical Engineering Science N1 Question Papers and Bestseller Lists
- 5. Accessing Mechanical Engineering Science N1 Question Papers Free and Paid eBooks
  - Mechanical Engineering Science N1 Question Papers Public Domain eBooks
  - Mechanical Engineering Science N1 Question Papers eBook Subscription Services
  - Mechanical Engineering Science N1 Question Papers Budget-Friendly Options
- 6. Navigating Mechanical Engineering Science N1 Question Papers eBook Formats
  - o ePub, PDF, MOBI, and More
  - Mechanical Engineering Science N1 Question Papers Compatibility with Devices
  - Mechanical Engineering Science N1 Question Papers Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Mechanical Engineering Science N1 Question Papers
  - Highlighting and Note-Taking Mechanical Engineering Science N1 Question Papers
  - Interactive Elements Mechanical Engineering Science N1 Question Papers
- 8. Staying Engaged with Mechanical Engineering Science N1 Question Papers
  - o Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Mechanical Engineering Science N1 Question Papers
- 9. Balancing eBooks and Physical Books Mechanical Engineering Science N1 Question Papers
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Mechanical Engineering Science N1 Question Papers
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Mechanical Engineering Science N1 Question Papers
  - Setting Reading Goals Mechanical Engineering Science N1 Question Papers
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Mechanical Engineering Science N1 Question Papers

- Fact-Checking eBook Content of Mechanical Engineering Science N1 Question Papers
- 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

#### **Mechanical Engineering Science N1 Question Papers Introduction**

In todays digital age, the availability of Mechanical Engineering Science N1 Question Papers books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Mechanical Engineering Science N1 Question Papers books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Mechanical Engineering Science N1 Question Papers books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Mechanical Engineering Science N1 Question Papers versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Mechanical Engineering Science N1 Question Papers books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether youre a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Mechanical Engineering Science N1 Question Papers books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed

and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Mechanical Engineering Science N1 Question Papers books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Mechanical Engineering Science N1 Question Papers books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Mechanical Engineering Science N1 Question Papers books and manuals for download and embark on your journey of knowledge?

#### **FAQs About Mechanical Engineering Science N1 Question Papers 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. Mechanical Engineering Science N1 Question Papers is one of the best book in our library for free trial. We provide copy of Mechanical Engineering Science N1

Question Papers in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Mechanical Engineering Science N1 Question Papers. Where to download Mechanical Engineering Science N1 Question Papers online for free? Are you looking for Mechanical Engineering Science N1 Question Papers PDF? This is definitely going to save you time and cash in something you should think about.

#### Find Mechanical Engineering Science N1 Question Papers:

literature of the holocaust

literature and integrated studies unit 6 resouce grade eight

literature and ethics essays presented to a. e. malloch

litter of leaving

little city by the sea kingston centennial 1890 1990

little dinosaur abc coloring

literature and the learner

little abc rudolf koch

litigation paralegal a systems approach

little about leech

literature timeless voices timeless themes the british tradition teachers edition volume 1

little critic 13 olwen fouere in the bulls wall

literaturebased science childrenss and activities to enrich the k5 curriculum

literature of the american south a norton anthology

literature of the american southwest

#### **Mechanical Engineering Science N1 Question Papers:**

bringing history to life by lucy calkins alibris - Jun 01 2022

web unit 3 bringing history to life mrs albrizio s fourth grade w

lucy calkins bringing history to life portal sombridge edu so - Apr 30 2022

web bringing history to life grade 4 unit 3 information by lucy calkins and a great selection of related books art and collectibles available now at abebooks com

books by lucy calkins author of pathways to the common - Aug 23 2021

#### results for bringing history to life writing unit tpt - Jul 02 2022

web distortions or neglect of the past she argues that it is not possible to have it both ways bringing history to life through film aug 11 2022 this collection of essays addresses

teachers college to dissolve lucy calkins reading and writing - Sep 04 2022

web this bringing history to life bend 2 product pairs seamlessly with lucy calkins 4th grade information writing unit 3 bringing history to life bend 2 writing with

bringing history to life by lucy calkins used abebooks - Feb 26 2022

web sep 8 2023 amid reading wars teachers college will close a star professor s shop lucy calkins ran a beloved and criticized center at teachers college for four

columbia to dissolve lucy calkins reading and writing project - Dec 27 2021

web feb 21 2012 29 4 9k views 11 years ago in a narrow modest laboratory in michigan state university s giltner hall students pore over african skeletons from the middle ages in an

### bring history to life lucy calkins teaching resources tpt - Dec 07 2022

web bringing history to life 9780325047386 books amazon ca skip to main content ca hello select your address books select the department you want to search in search

### bringing history life by lucy calkins abebooks - Apr 11 2023

web the literary essay lucy calkins 2013 this series of books is designed to help upper elementary teachers teach a rigourous yearlong writing curriculum units of study in

## results for bringing history to life tpt - Aug 03 2022

web buy bringing history to life by lucy calkins online at alibris we have new and used copies available in 1 editions starting at 1 27 shop now

#### bringing history to life 2013 edition open library - May 12 2023

web bringing history to life grade 4 unit 3 information by lucy calkins and a great selection of related books art and collectibles available now at abebooks com

bringing history to life calkins tpt - Jan 08 2023

web browse lucy calkin bringing history to life resources on teachers pay teachers a marketplace trusted by millions of teachers for original educational resources

#### bringing history to life lucy calkins - Aug 15 2023

web bringing history to life by lucy calkins isbn 10 0325047383 isbn 13 9780325047386 firsthand heinemann 2012 softcover bringing history to life lucy calkins 9780325047386 abebooks - Jul 14 2023

web 203 pages paperback first published may 1 2013 book details editions

#### bringing history to life by calkins lucy biblio - Jan 28 2022

web lucy calkins and her colleagues have drawn on their work from more than three decades to develop a state of the art curriculum in writing to help you teach opinion information

# bringing history to life youtube - Oct 25 2021

web clear rating 1 of 5 stars 2 of 5 stars 3 of 5 stars 4 of 5 stars 5 of 5 stars one to one the art of conferring with young writers by lucy calkins amanda hartman zoe ryder

units of study in opinion information and narrative writing 2016 - Nov 25 2021

web nov 14 2021 here s why you should have i write about education cognitive science and fairness if you re not a reading teacher you may not know who lucy calkins is and the

never heard of lucy calkins here s why you should have - Sep 23 2021

#### bringing history to life 9780325047386 books amazon ca - Oct 05 2022

web created by miss j s classroom this document has all of the lessons from the lucy calkins 4th grade writing curriculum bringing history to life unit 3 each lesson is

unit 3 bringing history to life mrs albrizio s fourth grade - Mar 30 2022

web jan 1 2012 find bringing history to life by calkins lucy at biblio uncommonly good collectible and rare books from uncommonly good booksellers

#### lucy calkins bringing history to life lucy calkins 2023 - Feb 09 2023

web browse bring history to life lucy calkins resources on teachers pay teachers a marketplace trusted by millions of teachers for original educational resources

lucy calkin bringing history to life teaching resources tpt - Nov 06 2022

web sep 5 2023 diane bondareff ap the teachers college reading and writing project the instructional consultancy housed at columbia university and founded by the popular and

#### lucy calkins writing for 4th grade unit 3 bringing - Mar 10 2023

web bringing history to life calkins 63 results sort relevance view bundle lucy calkins bringing history to life bend 1 with building background by mrs augusto 2 30 00 zip

bringing history to life by lucy calkins goodreads - Jun 13 2023

web bringing history to life by lucy calkins 0 ratings 1 want to read 0 currently reading 0 have read

bissell pro clean heater wiring diagram - Sep 23 2022

web mar 12 2018 bissell proheat 2x service center guide wiring diagram bissell proheat 2x select heated cleaning at the floor and through the attachment hose nov 02 detailed video on changing the motor and pump in a bissell proheat carpet cleaner model videos on cleaning heater diagramweb net t 4m30s

i need a hose plumbing diagram for bissell proheat 2x ifixit - May 20 2022

web i need a hose plumbing diagram for bissell proheat 2x cleanshot model i was given a model 9500 after a friend tore it down and could not put it back together i have found the service center guide for the model 9200 thru 9400 but it is not the exact same as the 9500 the difference is the flow gauge plumbing thanks in advance

### series 8920 9200 9300 9400 service center guide - Mar 30 2023

web wiring diagram bissell proheat 2x page 20 wiring diagram bissell proheat 2x select page 21 plumbing diagram page 22 bissell proheat schematic parts diagram - Mar 18 2022

web bissell proheat schematic parts diagram bissell 1425 parts list and diagram ereplacementparts com 9 pictures about bissell 1425 parts list and diagram ereplacementparts com bissell proheat 2x hose diagram free wiring diagram 34 bissell proheat 2x parts diagram wiring diagram list and also 30 bissell vacuum

proheat 2x revolution pet pro getting started with your bissell - Feb 26 2023

web user guide proheat 2x revolution pet pro carpet cleaner 2007 user guide proheat 2x revolution pet pro carpet cleaner 2362 user guide proheat 2x revolution carpet upholstery deep cleaner 3579c proheat 2x revolution pet pro assembly how to use

hose diagram for bissell proheat 2x wiring diagram pictures - Jul 22 2022

web jan 25 2023 proheat 2x series vacuum cleaner pdf manual download also for proheat 2x series proheat 2x series proheat 2x series i need a bissell proheat water hose connection diagram change the water pump out and one hose with a plastic end on it looks like it should attach to the top of bissell proheat 2x 8920 series service center manual bissell proheat 2x 9200 parts diagram schematron org - Aug 23 2022

web jan 22 2023 save money and repair it yourself we are here to help over genuine bissell repair and find genuine bissell parts supplies for your proheat 2x deepcleaning model shown a similar models v w series service wiring diagram bissell proheat 2x select by applying an over voltage between live

#### bissell proheat 2x 9400 series manuals manualslib - Sep 04 2023

web bissell proheat 2x 9400 series manuals manuals and user guides for bissell proheat 2x 9400 series we have 10 bissell proheat 2x 9400 series manuals available for free pdf download user manual service center manual

# bissell proheat 2x 9200 free pdf manuals download manualslib - Apr 30 2023

web bissell proheat 2x 8920 series service center manual 22 pages product overview quick reference troubleshooting chart

troubleshooting low no spray symptoms pages taking the unit apart pages plumbing diagram manual is suitable for 3 more products proheat 2x 9200 series proheat 2x 9400 series proheat 2x 9300 series

need wiring schematic diagram for bissel proheat 2x clean - Jul 02 2023

web need wiring schematic diagram for bissel proheat 2x clean shot i have an older bissell 9500 proheat 2x cleanshot serial 08054c and i need a good wiring schematic diagram for it can you please help

bissell proheat 2x parts diagram schematron org - Oct 25 2022

web jan 19 2023 bissell carpet cleaner parts bissell proheat 2x powersteamer carpet cleaner parts tank lid blue illusion 5 c need to fix your proheat 2x we have parts diagrams accessories and repair advice to make your tool repairs easy wiring diagram bissell proheat 2x select

bissell proheat 2x diagram schematron org - Oct 05 2023

web jun 1 2023 page wiring diagram bissell proheat 2x select page plumbing diagram page bissell proheat 2x series service center manual wiring diagram bissell proheat 2x show thumbs also see for proheat 2x series user manual need to fix your proheat 2x carpet cleaner

### bissell proheat hose diagram schematron org - Apr 18 2022

web jan 19 2023 easy carry handle detent pedal your deep cleaner pay particular attention to the product diagram your bissell proheat is an important part of keeping your home or business clean we know helping you keep these machines running effectively will help need to see hose diagram to re assemble fluid lines fpr bissell pro heat 2x 73a5 c proheat 2x deep cleaning system 9200 bissell - Jan 28 2023

web proheat 2x deep cleaning system 9200 select the product you re looking for below proheat 2x lift off cleaner how to clean maintain bissell - Jun 20 2022

web bissell proheat 2x lift off has a unique design that offers true 2 in 1 cleaning an upright deep cleaner for full rooms and a detachable portable deep cleaner for stairs furniture cars and more the bissell antibacterial formula cleans and controls odor causing bacteria this antibacterial formula will help you eliminate odors at

#### disassembly how to videos proheat 2x revolution bissell - Nov 25 2022

web removing the handle on a bissell proheat 2x revolution is quite easy before you begin make sure to have a phillips head and flathead screwdriver first remove both tanks from the revolution then unwrap the cord by twisting the easy cord release bissell proheat 2x 8920 series service center manual - Jun 01 2023

web page 21 wiring diagram bissell proheat 2x select bissell proheat 2x service center guide wiring diagram bissell proheat 2x select issued september 2005 2005 bissell homecare inc page 21 of 22 page 22 plumbing diagram bissell proheat 2x 9200 parts diagram wiring diagrams free - Dec 27 2022

web bissell proheat 2x service center guide issued september wiring diagram bissell proheat 2x select page 21 plumbing diagram page by applying an over voltage between live parts and various metal if you need parts you can order them from the sears partsdirect website

bissell proheat 2x user manual pdf download manualslib - Aug 03 2023

web bissell proheat 2x healthy home deep cleaner also see for proheat 2x how to use 1 page user manual 40 pages user manual 13 pages 1 2 table of contents 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 page of 20 table of contents troubleshooting bookmarks

### bissell proheat 2x 8920 series manuals manualslib - Feb 14 2022

web bissell proheat 2x 8920 series manuals manuals and user guides for bissell proheat 2x 8920 series we have 7 bissell proheat 2x 8920 series manuals available for free pdf download user manual service center manual my friends haven t been there for me since my dad s death - Sep 23 2021

#### leaving my father s house a journey to conscious femininity - Dec 27 2021

web discover and share books you love on goodreads

# leaving my father s house by marion woodman open library - Apr 30 2022

web jul 1 1992 buy leaving my father s house a journey to conscious femininity by woodman marion isbn 9780877736776 from amazon s book store everyday low

# leaving my father s house a journey to conscious femininity - Sep 04 2022

web leaving my father s house a journey to conscious f getting the books leaving my father s house a journey to conscious f now is not type of challenging means you

leaving my father's house a journey to conscious femininity - Aug 03 2022

web jun 16 2023 this leaving my father s house a journey to conscious femininity by marion woodman as one of the greater part operational sellers here will completely be

leaving my father s house a journey to conscious femininity - Feb 26 2022

web leaving my father s house a journey to conscious femininity hardcover 28 april 1992 the life stories of three women kate a professor s wife mary a dancer and rita

#### leaving my father s house a journey to conscious - Nov 06 2022

web jan 1 1992 the renowned analyst and author here provides deep insight into the process required to bring feminize wisdom to consciousness in a patriarchal culture as

leaving my father s house a journey to conscious femininity - Feb 09 2023

web may 15 1992 leaving my father s house a journey to conscious femininity by marion woodman with rita greer allen release date may 15 1992

# leaving my father s house a journey to conscious femininity - Nov 25 2021

web 12 hours ago yet i still feel a bit wounded by the lack of contact after my dad s funeral three months on i ve finally heard from a couple of them via text about unrelated

leaving my father s house a journey to conscious - Jul 14 2023

web paperback illustrated nov 17 1992 the renowned analyst and author here provides deep insight into the process required to bring feminize wisdom to consciousness in a

leaving my father's house a journey to conscious - Mar 10 2023

web leaving my father's house a journey to conscious femininity paperback 17 november 1992 by marion woodman author 4 6 64 ratings see all formats and editions

<u>leaving my father s house a journey to conscious</u> - Aug 15 2023

web apr 28 1992 308 ratings21 reviews the renowned analyst and author here provides deep insight into the process required to bring feminize wisdom to consciousness in a

# leaving my father s house a journey to conscious femininity - Jun 01 2022

web in my father's house haus publishing in the gaza strip growing up on land owned by his family for centuries eleven year old yousef is preoccupied by video games school

# leaving my father s house kirkus reviews - Dec 07 2022

web mar 20 2022 leaving my father s house a journey to conscious femininity by marion woodman with kate danson mary hamilton rita greer allen

# leaving my father s house a journey to conscious f book - Jul 02 2022

web nov 11 2020 leaving my father s house a journey to conscious femininity 1992 shambhala distributed in the u s by random house in english 1st ed 0877735786

#### leaving my father s house a journey to conscious - May 12 2023

web buy leaving my father s house a journey to conscious femininity reprint by marion woodman isbn 8601406016040 from amazon s book store everyday low prices and

# loading interface goodreads - Oct 25 2021

web leaving my father s house a journey to conscious femininity woodman marion 1928 free download borrow and streaming internet archive

leaving my father s house a journey to conscious femininity - Apr 11 2023

web audio cassette 34 58 1 new from 34 58 the renowned analyst and author here provides deep insight into the process required to bring feminize wisdom to

leaving my father s house a journey to conscious femininity - Jan 08 2023

web marion woodman shambhala 1992 archetype psychology 377 pages the renowned analyst and author here provides deep insight into the process required to bring feminine

leaving my father s house a journey to conscious - Jun 13 2023

web apr 28 1992 leaving my father s house a journey to conscious femininity hardcover 28 april 1992 the life stories of three women kate a professor s wife

leaving my father s house a journey to conscious f 2022 - Mar 30 2022

web leaving my father s house a journey to conscious femininity by marion woodman is reachable in our novel accumulation an online access to it is set as public so you can get

# leaving my father s house a journey to conscious femininity - Jan 28 2022

web buy leaving my father's house a journey to conscious femininity paperback book by marion woodman from as low as 21 48

#### leaving my fathers house a journey to conscious femininity - Oct 05 2022

web the renowned analyst and author here provides deep insight into the process required to bring feminize wisdom to consciousness in a patriarchal culture as struggle in which

leaving my father s house a journey to conscious femininity - Aug 23 2021