

5 • Chemical Bonding**LEWIS STRUCTURES**Indicate the # of VALENCE electrons for each species. Write the correct Lewis electron dot structure for each.

F # of electrons = <u>7</u> $\cdot \ddot{\text{F}} \cdot$	O # of electrons = <u>6</u> $\begin{array}{c} \cdot \ddot{\text{O}} \cdot \\ \text{or} \\ \cdot \ddot{\text{O}} \cdot \end{array}$	K # of electrons = <u>1</u> $\text{K} \cdot$	Al # of electrons = <u>3</u> $\cdot \text{Al} \cdot$
F⁻ <u>7+1</u> # of electrons = <u>8</u> $[\cdot \ddot{\text{F}}:]^{-}$	O²⁻ <u>6+2</u> # of electrons = <u>8</u> $[\cdot \ddot{\text{O}}:]^{2-}$	K⁺ <u>1-1</u> # of electrons = <u>0</u> $[\text{K}]^{+}$	Al³⁺ <u>3-3</u> # of electrons = <u>0</u> $[\text{Al}]^{3+}$
F₂ <u>7+7</u> # of electrons = <u>14</u> $\cdot \ddot{\text{F}} : \ddot{\text{F}} \cdot$	H₂ <u>1+1</u> # of electrons = <u>2</u> $\text{H} : \text{H}$	HF <u>1+7</u> # of electrons = <u>8</u> $\text{H} : \ddot{\text{F}} \cdot$	NH₃ <u>5+3</u> # of electrons = <u>8</u> $\begin{array}{c} \text{H} : \ddot{\text{N}} : \text{H} \\ \\ \text{H} \end{array}$
CH₄ <u>4+4</u> # of electrons = <u>8</u> $\begin{array}{c} \text{H} \\ \\ \text{H} : \ddot{\text{C}} : \text{H} \\ \\ \text{H} \end{array}$	NF₃ <u>5+21</u> # of electrons = <u>26</u> $\begin{array}{c} \cdot \ddot{\text{F}} : \ddot{\text{N}} : \ddot{\text{F}} \cdot \\ \\ \cdot \ddot{\text{F}} \cdot \end{array}$	SiF₄ <u>4+28</u> # of electrons = <u>32</u> $\begin{array}{c} \cdot \ddot{\text{F}} \cdot \\ \\ \cdot \ddot{\text{F}} : \ddot{\text{Si}} : \ddot{\text{F}} \cdot \\ \\ \cdot \ddot{\text{F}} \cdot \end{array}$	C₂H₆ <u>8+6</u> # of electrons = <u>14</u> $\begin{array}{c} \text{H} \quad \text{H} \\ \quad \\ \text{H} : \ddot{\text{C}} : \ddot{\text{C}} : \text{H} \\ \quad \\ \text{H} \quad \text{H} \end{array}$
MgH₂ <u>2+2</u> # of electrons = <u>4</u> $\text{H} : \text{Mg} : \text{H}$	LiH <u>1+1</u> # of electrons = <u>2</u> $\text{Li} : \text{H}$	AlH₃ <u>3+3</u> # of electrons = <u>6</u> $\begin{array}{c} \text{H} : \text{Al} : \text{H} \\ \\ \text{H} \end{array}$	BH₃ <u>3+3</u> # of electrons = <u>6</u> $\begin{array}{c} \text{H} : \text{B} : \text{H} \\ \\ \text{H} \end{array}$

Lewis Dot Structures Of Atoms And Ions Answer Key

L Cohen



Lewis Dot Structures Of Atoms And Ions Answer Key:

Eventually, you will totally discover a further experience and expertise by spending more cash. yet when? complete you say yes that you require to get those every needs when having significantly cash? Why dont you try to get something basic in the beginning? Thats something that will guide you to comprehend even more approaching the globe, experience, some places, as soon as history, amusement, and a lot more?

It is your entirely own get older to action reviewing habit. among guides you could enjoy now is **Lewis Dot Structures Of Atoms And Ions Answer Key** below.

https://staging.conocer.cide.edu/data/detail/Download_PDFS/mei%20c3%20june%202013%20mark%20scheme.pdf

Table of Contents Lewis Dot Structures Of Atoms And Ions Answer Key

1. Understanding the eBook Lewis Dot Structures Of Atoms And Ions Answer Key
 - The Rise of Digital Reading Lewis Dot Structures Of Atoms And Ions Answer Key
 - Advantages of eBooks Over Traditional Books
2. Identifying Lewis Dot Structures Of Atoms And Ions Answer Key
 - 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 Lewis Dot Structures Of Atoms And Ions Answer Key
 - User-Friendly Interface
4. Exploring eBook Recommendations from Lewis Dot Structures Of Atoms And Ions Answer Key
 - Personalized Recommendations
 - Lewis Dot Structures Of Atoms And Ions Answer Key User Reviews and Ratings
 - Lewis Dot Structures Of Atoms And Ions Answer Key and Bestseller Lists
5. Accessing Lewis Dot Structures Of Atoms And Ions Answer Key Free and Paid eBooks

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

Lewis Dot Structures Of Atoms And Ions Answer Key Introduction

In the digital age, access to information has become easier than ever before. The ability to download Lewis Dot Structures Of Atoms And Ions Answer Key has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Lewis Dot Structures Of Atoms And Ions Answer Key has opened up a world of possibilities. Downloading Lewis Dot Structures Of Atoms And Ions Answer Key provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Lewis Dot Structures Of Atoms And Ions Answer Key has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Lewis Dot Structures Of Atoms And Ions Answer Key. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Lewis Dot Structures Of Atoms And Ions Answer Key. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Lewis Dot Structures Of Atoms And Ions Answer Key, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Lewis

Dot Structures Of Atoms And Ions Answer Key has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Lewis Dot Structures Of Atoms And Ions Answer Key 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. Lewis Dot Structures Of Atoms And Ions Answer Key is one of the best book in our library for free trial. We provide copy of Lewis Dot Structures Of Atoms And Ions Answer Key in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Lewis Dot Structures Of Atoms And Ions Answer Key. Where to download Lewis Dot Structures Of Atoms And Ions Answer Key online for free? Are you looking for Lewis Dot Structures Of Atoms And Ions Answer Key PDF? This is definitely going to save you time and cash in something you should think about.

Find Lewis Dot Structures Of Atoms And Ions Answer Key :

mei c3 june 2013 mark scheme

mechanotechnology n3 past papers and memorandum

meigs and meigs manual book of accounting

meditation guide for a group

medication drug calculation test

[medium voltage electrical symbols](#)

[meddings pedestal drill manual](#)

[medela manual breast pump reviews](#)

[medicinal plants study of anticancer properties](#)

[medunsa prospectus for 2016](#)

media center guide error 33

[medical school application essay sample](#)

[medea analytical paper](#)

[megane iii manual manual](#)

[megui encoding guide](#)

Lewis Dot Structures Of Atoms And Ions Answer Key :

[syllabus of forensic chemical sciences fact and fact plus](#) - May 11 2023

web the following areas are under the roof of forensic sciences phd program forensic psychology and behavioral evidence
criminalistics and crime scene investigation

[forensic chemistry syllabus umd](#) - Sep 03 2022

web strengthening forensic science in the united states gives a full account of what is needed to advance the forensic science
disciplines including upgrading of systems and

md forensic medicine syllabus and subjects 2023 semester - Feb 25 2022

web forensic chemistry syllabus umd and numerous books collections from fictions to scientific research in any way in the
middle of them is this forensic chemistry syllabus umd that

[syllabus forensic chemistry pdf scribd](#) - Jun 12 2023

web may 18 2023 forensic chemistry syllabus umd 1 11 downloaded from uniport edu ng on may 18 2023 by guest forensic
chemistry syllabus umd getting the books forensic

[md forensic medicine and toxicology education india](#) - Apr 29 2022

web forensic chemistry syllabus umd dictionary com s list of every word of the year le live marseille aller dans les plus
grandes soirées essay writing service essayerudite

[forensic chemistry syllabus umd uniport edu ng](#) - Dec 26 2021

web this forensic chemistry syllabus umd as one of the most functioning sellers here will unquestionably be in the middle of
the best options to review performance studies

[forensic chemistry syllabus umd uniport edu ng](#) - Feb 08 2023

web sep 11 2023 learn about forensic chemistry topic of chemistry in details explained by subject experts on vedantu com register free for online tutoring session to clear your

msc forensic science course admission syllabus - Nov 05 2022

web neighboring to the notice as without difficulty as perception of this forensic chemistry syllabus umd can be taken as competently as picked to act handling and exchanging

[forensic chemistry syllabus umd tug do nl netlabs nl](#) - Mar 29 2022

web may 28 2023 purchase and create bargains to download and install forensic chemistry syllabus umd hence simple ask a forensic artist lisa bailey 2014 09 17 ask a

[forensic chemistry syllabus umd uniport edu ng](#) - Sep 22 2021

forensic chemistry definition methods applications jobs - Jul 01 2022

web forensic chemistry syllabus umd author tug do nl netlabs nl 2023 08 13 14 39 20 subject forensic chemistry syllabus umd keywords

forensic chemistry syllabus umd uniport edu ng - Jul 13 2023

web aug 3 2023 forensic chemistry syllabus umd 2 7 downloaded from uniport edu ng on august 3 2023 by guest blended learning designs in stem higher education

forensic chemistry syllabus umd uniport edu ng - Apr 10 2023

web apr 29 2023 forensic chemistry syllabus umd 1 9 downloaded from uniport edu ng on april 29 2023 by guest forensic chemistry syllabus umd recognizing the artifice

[forensic sciences doctorate degree phd about](#) - Mar 09 2023

web bioengineering english chemical engineering english computer engineering english electrical electronics engineering english forensic science turkish industrial

forensic chemistry syllabus umd pdf 2023 voto uneal edu - May 31 2022

web jan 4 2023 md forensic medicine syllabus is a three year long postgraduate course that focuses on the application of a broad spectrum of sciences to answer questions of

forensic chemistry syllabus umd uniport edu ng - Oct 24 2021

forensic chemistry syllabus yumpu - Aug 14 2023

web forensic chemistry syllabus en english deutsch français español português italiano român nederlands latina dansk

svenska norsk magyar bahasa indonesia türkçe

forensic chemistry explanation role and methods - Dec 06 2022

web forensic chemistry syllabus umd getting the books forensic chemistry syllabus umd now is not type of challenging means you could not solitary going in imitation of ebook

forensic chemistry syllabus umd dp tug do nlnetlabs nl - Jan 27 2022

web aug 4 2023 as this forensic chemistry syllabus umd it ends up being one of the favored ebook forensic chemistry syllabus umd collections that we have this is why

faculty of engineering and natural sciences uskudar - Jan 07 2023

web forensic physical anthropology and forensic medicine quality management and research methodology practical based on forensic biology and serology including

m sc forensic sciences from maharshi dayanand university - Oct 04 2022

web what is forensic chemistry forensic chemistry can be defined as the practice of application of our knowledge in the field of chemistry to solve crimes a forensic

forensic chemistry syllabus umd pqr uiaf gov co - Aug 02 2022

web md forensic medicine and toxicology syllabus syllabus of forensic medicine and toxicology course as prescribed by various universities and colleges basic medical

forensic chemistry syllabus umd uniport edu ng - Nov 24 2021

elemental doğanın güçleri fragman bilet al disney - Nov 07 2022

web jun 16 2023 tür animasyon komedi fantastik Çocuklar ve aile disney ve pixar ın elemental doğanın güçleri filmi ateş su toprak ve hava halklarının birlikte yaşadığı element Şehri nde geçen yepyeni bir orijinal animasyon

elemental official trailer youtube - Jun 14 2023

web mar 28 2023 this summer meet the residents of element city watch the new trailer for disney and pixar s elemental and see the movie in 3d only in theaters june 16

elemental release date and time on disney plus cnet - Jan 09 2023

web sep 6 2023 how to watch elemental on disney plus you can watch elemental starting sept 13 at 12 01 a m pt 3 01 a m et it ll be available at that time in every country where disney plus is available

elemental disney movies - May 13 2023

web june 16 2023 genre animation comedy fantasy kids family disney and pixar s elemental is an all new original feature film set in element city where fire water land and air residents live together

elemental doğanın güçleri biletinial - Dec 08 2022

web elemental doğanın güçleri element Şehri nde yaşayan ateş su toprak ve hava elementlerinden sakinlerin hikayesini konu ediyor kıvrak zekalı ateşli genç bir kadın olan alev ile hayatı akışında yaşayan duygusal deniz elemental Şehri nde yaşayan iki dosttur

elemental wikipedia - Feb 10 2023

web elemental undine rising from the waters by chauncey bradley ives an elemental is a mythic supernatural being that is described in occult and alchemical works from around the time of the european renaissance and particularly elaborated in the 16th century works of

elemental 2023 film wikipedia - Aug 16 2023

web elemental subtitled forces of nature in some countries is a 2023 american computer animated romantic comedy drama film produced by walt disney pictures and pixar animation studios and distributed by walt disney studios motion pictures

elemental İzle elemental doğanın güçleri İzle türkçe altyazılı - Jul 15 2023

web aug 17 2023 elemental doğanın güçleri türkçe dublaj ve elemental türkçe altyazılı seçenekleriyle 1080p kalitesinde hd izle film Özeti ember ve wade çifti ateş su kara ve hava insanların bir arada yaşadığı bir şehirde yaşamaktadır coşkulu genç kadın ve bu sağduyulu genç adam temel bir şeyi keşfetmek üzeredir onlar

elemental rotten tomatoes - Mar 11 2023

web water fire earth and air are like ethnic inhabitants of distinctive neighborhoods in this imaginatively designed element city with the periodic table like skyline but the story line gets

elemental doğanın güçleri elemental filmi sinemalar com - Apr 12 2023

web elemental doğanın güçleri film konusu disney in yeni animasyonu elemental ateş su kara ve hava elementleri sakinlerinin bir arada yaşadığı bir şehirde ember ateş ve wade i su konu almakta

ifas india s best learning platform - Jun 08 2022

web 1 day ago the examination comprises three sections a b and c and is administered by the council of scientific and industrial research csir new delhi which conducts ugc csir net exams in five science subjects namely csir net ls jrf physical sciences csir net ls jrf chemical sciences ugc csir net ls jrf life sciences ugc

csir net previous year question papers download pdf with - Mar 17 2023

web oct 2 2023 abhishek kumar october 2 2023 csir net previous year question paper is now accessible on the official csir net website candidates appearing for the exam can freely download these papers the csir net 2023 exam is scheduled to take place on 6th june 7th june and 8th june 2023

pdf csir ugc net solved papers chemical sciences ekxam - Sep 23 2023

web sep 17 2023 you can download chemical science csir ugc net question paper for each year by clicking the pdf icon against the respective year contents show pdf csir ugc net solved papers chemical sciences csir ugc net 2023 books chemical sciences pdf csir ugc net syllabus 2022 chemical science csir

csir net 2022 chemical sciences memory based question paper - Jul 09 2022

web sep 18 2022 the csir net 2022 chemical science paper was a 3 hour duration paper conducted between 9 00 pm and 12 00 pm featuring a total of 120 questions csir ugc net result 2022 the csir net 2022 chemical science paper is divided into three sections namely section a with 20 questions of which 15 are to be attempted section

csir ugc net question paper for chemical science download - Jul 21 2023

web csir net question paper for chemical science csir net previous year question paper is useful for candidates appearing for council of scientific and industrial research csir net 2022 it is conducted for selecting candidates for the award of junior research fellowship jrf and determining their eligibility for appointment as lecturers in

pdf csir net 2021 question paper download - Feb 16 2023

web jan 8 2023 council of scientific and industrial research national eligibility test csir ugc net 2021 answer key 2022 has been released on the official website csirnet nta nic in candidates who have appeared for the csir ugc net 2021 exam can check and download the provisional answer key using their application number and

csir net chemical science question papers with solutions - Jun 20 2023

web the csir net chemical science question papers are available in pdf format below to improve their preparation candidates should attempt prior year s question papers download the following question papers with solutions by clicking on the links csir net chemical science question paper 2023 csir net chemical science question

csir net chemical science notes download free pdf here - Jan 15 2023

web jul 25 2023 csir net chemical science notes important topics the csir net chemical science notes contain the topics covered in the csir net chemical science syllabus the csir net chemical science paper includes 3 major topics organic chemistry inorganic chemistry physical chemistry

csir net 2019 chemical science question paper with answer - Aug 10 2022

web csir net chemical science 2019 december cycle question paper pdf with the answer key is available to download csir net exam was successfully conducted on december 15 2019 by national testing agency check csir net previous year question paper csir net question paper comprised of 120 questions of 200 marks the duration of

csir ugc net exam study material 2022 for chemical sciences - Feb 04 2022

web chemical sciences topics for csir ugc net exam read more topics on chemical sciences for csir ugc net exam acids and bases agriculture and food analytical chemistry applications of environmental chemistry applications of inorganic chemistry

approximate methods of quantum mechanics asymmetric synthesis atomic scale

csir net previous year question papers pdf download - Oct 12 2022

web sep 2 2023 the candidates can appear for 5 papers for csir exam as there are five papers in the csir net exam namely chemical sciences earth sciences life sciences mathematical sciences and physical sciences

free previous csir net papers pdf with solutions - Sep 11 2022

web nov 19 2022 csir net chemistry previous year papers with solution download pdf this page contains pdf archives of previous year csir net papers with keys of chemistry subject direct download is now available csir candidates can download the pdf file of previous

csir net question papers with solutions embibe - Apr 06 2022

web csir net model question papers candidates can download the csir model paper pdfs from the table mentioned below csir net previous year question paper pdf while the net syllabus and net exam pattern are key to pass the test with good grades candidates cannot miss out on the previous year question papers

csir net 2023 question paper download pdf for all subjects - Nov 13 2022

web csir ugc net question paper 2023 csir net 2023 question paper download pdf for all subjects download pdf previous year papers csir ugc net latest updates 13 october 2023 csir net june 2023 certificate released download link here csir net exam date is june 06 07 08 2023 at various exam centres

csir net chemical sciences question papers with answer key - Apr 18 2023

web jun 14 2023 csir net chemical science is an entrance exam conducted by the council of scientific and industrial research csir csir net chemical sciences 2023 june cycle exam will be held on june 07 2023 csir net question paper contains 120 questions of 200 marks csir ugc net previous year question papers

csir ugc net previous papers chemistryabc com - May 07 2022

web chemical sciences earth sciences life sciences mathematical sciences physical sciences download the csir net question papers pdfs of previous years for each of these subjects csir net question paper for june 2019 the csir net question paper pdfs of 16th june 2019 are as under csir net question paper pdfs for 2018

csir net chemical science question paper download pdf - May 19 2023

web sep 13 2023 updated on september 13th 2023 csir net chemical science question paper after completing the csir net exam the council of scientific and industrial research csir releases the question papers and the answer key every year for all 5 subjects on their official website

csir net chemical sciences study notes chemistryabc com - Mar 05 2022

web aug 9 2023 comprehensive study material our study notes cover a wide range of topics in the field of chemical sciences

whether you re revising core concepts or diving into advanced areas our study material has you covered effective preparation for exam 2023 with the csir net chemical science exam 2023 approaching efficient preparation is

last 5 years csir net chemical science question paper pdf - Aug 22 2023

web oct 12 2023 csir net chemical science solved question paper provides practice in time management and helps to improve speed and accuracy csir net question paper chemical science with answer key helps candidates to assess their level of preparation and identify areas of weakness that need improvement

csir net chemical science previous year papers kopykitab - Dec 14 2022

web mar 14 2023 check out the csir net chemical science previous year papers from the link given below csir net chemical sciences study guide notes 2023 csir net chemical science question paper with answer 2021 june december csir net chemical science question paper with answer 2019 june december