

POPULATION GENETICS AND SPECIATION



GOOGLE FORMS



Connecting Natural Selection to Genetic Drift Quiz

This quiz is designed to assess your understanding of the relationship between natural selection and genetic drift. It includes questions on the following topics:

- How natural selection and genetic drift interact.
- The role of population size in genetic drift.
- The effects of founder effects and bottlenecks.

Questions:

- 1. Which of the following is NOT a characteristic of genetic drift?
- ☐ It is a random process.
- ☐ It is more likely to occur in small populations.
- ☐ It can lead to the fixation of alleles.
- ☐ It is driven by natural selection.



Population Genetics Concepts Quiz

This quiz is designed to assess your understanding of the basic concepts of population genetics. It includes questions on the following topics:

- The Hardy-Weinberg equilibrium.
- The effects of mutation, migration, and selection.
- The relationship between allele frequency and genotype frequency.

Questions:

- 1. Which of the following is NOT a condition for the Hardy-Weinberg equilibrium?
- ☐ No mutation.
- ☐ No migration.
- ☐ No selection.
- ☐ Random mating.



Factors Affecting Genetic Equilibrium Quiz

This quiz is designed to assess your understanding of the factors that can disrupt genetic equilibrium. It includes questions on the following topics:

- The effects of mutation, migration, and selection.
- The role of population size in genetic drift.
- The effects of founder effects and bottlenecks.

Questions:

- 1. Which of the following is NOT a factor that can disrupt genetic equilibrium?
- ☐ Mutation.
- ☐ Migration.
- ☐ Selection.
- ☐ Random mating.

4 GOOGLE FORMS

Population Genetics And Speciation Skills Answers

David Baud



Population Genetics And Speciation Skills Answers:

Uncover the mysteries within Crafted by is enigmatic creation, Discover the Intrigue in **Population Genetics And Speciation Skills Answers** . This downloadable ebook, shrouded in suspense, is available in a PDF format (*). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

<https://crm.avenza.com/files/book-search/Documents/newspaper%20ads%20examples%20script.pdf>

Table of Contents Population Genetics And Speciation Skills Answers

1. Understanding the eBook Population Genetics And Speciation Skills Answers
 - The Rise of Digital Reading Population Genetics And Speciation Skills Answers
 - Advantages of eBooks Over Traditional Books
2. Identifying Population Genetics And Speciation Skills Answers
 - 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 Population Genetics And Speciation Skills Answers
 - User-Friendly Interface
4. Exploring eBook Recommendations from Population Genetics And Speciation Skills Answers
 - Personalized Recommendations
 - Population Genetics And Speciation Skills Answers User Reviews and Ratings
 - Population Genetics And Speciation Skills Answers and Bestseller Lists
5. Accessing Population Genetics And Speciation Skills Answers Free and Paid eBooks
 - Population Genetics And Speciation Skills Answers Public Domain eBooks
 - Population Genetics And Speciation Skills Answers eBook Subscription Services
 - Population Genetics And Speciation Skills Answers Budget-Friendly Options
6. Navigating Population Genetics And Speciation Skills Answers eBook Formats

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

Population Genetics And Speciation Skills Answers Introduction

In today's digital age, the availability of Population Genetics And Speciation Skills Answers 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 Population Genetics And Speciation Skills Answers books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Population Genetics And Speciation Skills Answers 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 Population Genetics And Speciation Skills Answers 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, Population Genetics And Speciation Skills Answers 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 you're 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 Population Genetics And Speciation Skills Answers 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 Population Genetics And Speciation Skills Answers 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, Population Genetics And Speciation Skills Answers 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 Population Genetics And Speciation Skills Answers books and manuals for download and embark on your journey of knowledge?

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

Find Population Genetics And Speciation Skills Answers :

newspaper ads examples script

new holland ts 110 manual

[new leaves no strings the austin series book english edition](#)

[new motherboard no power](#)

[new york city show guide](#)

[new york city pub bar guide](#)

[newport ky water quality report](#)

[ngc 1 manual](#)

[new orleans noir akashic noir](#)

[new sds format for 2014](#)

[new york ccls book5 practice answers](#)

[newholland bale wagon manual](#)

[nexus-s manual update](#)

[nfhs football officials test answers 2014](#)

[new microsoft office excel document sharing](#)

Population Genetics And Speciation Skills Answers :

[hotspots frontiers and emerging trends of superabsorbent polymer](#) - Nov 30 2022

web superabsorbent polymer sap is a kind of functional macromolecule with super high water absorption and retention properties which attracts extensive research and has wide application especially in the areas of hygiene and agriculture with reference to the web of science database the sap research literature from 2000 to 2019 is reviewed both

[pdf super absorbent polymers researchgate](#) - May 25 2022

web dec 15 2016 superabsorbent polymers short sap are special polymers that are able to absorb many times more water than their own weight within short time they can even store water when exposed to

[microwave assisted hydrothermal decomposition of super absorbent polymers](#) - Apr 04 2023

web absorbent hygiene products contain a super absorbent polymer sap as one of the main constituents that is not easily biodegraded or recycled currently the vast majority of the material is landfilled after a single use therefore it is highly desirable to develop technology to recycle and reuse these polymers in this paper the depolymerization of

[sustainable bio based superabsorbent polymer poly acs](#) - Aug 08 2023

web apr 5 2022 abstract in this study an environmentally friendly superabsorbent hydrogel produced from the cross linked poly itaconic acid pia superabsorbent polymer c pias based on itaconic acid ia was prepared using the radical polymerization method with potassium persulfate as an initiator and poly ethylene glycol diacrylate as a cross

boosting oxygen reduction reaction kinetics by acs - Apr 23 2022

web nov 9 2023 in the energy conversion context the design and synthesis of high performance metal free carbon nanomaterials with topological defects for the oxygen reduction reaction orr are essential herein we first report a template assisted strategy to fabricate carbon defect electrocatalysts with rich vacancy coupling pentagons vp as

acs symposium series acs publications - Mar 23 2022

web oct 19 1994 superabsorbent polymers copyright 1994 advisory board foreword science and technology m joan comstock and m joan comstock

superabsorbent polymers an idea whose time has come - Jul 07 2023

web acs open access superabsorbent polymers are cross linked polyelectrolytes because of their ionic nature and interconnected structure they absorb large quantities of water and other aqueous solutions without dissolving

superabsorbent polymers science and technology acs - Oct 30 2022

web superabsorbent polymers science and technology acs symposium series no 573 edited by f l buchholz and n a peppas american chemical society washington dc 1994 pp ix 148 price us 49 95 isbn 0 8412 3039 0 finch 1996 polymer international wiley online library

triblock superabsorbent polymer nanocomposites with acs - Sep 09 2023

web jun 8 2022 a novel poly acrylic acid attapulgit superabsorbent composite was synthesized by graft copolymn reaction of acrylic acid aa on attapulgit micropowder using n n methylenebisacrylamide mba as a crosslinker and ammonium persulfate aps as an initiator in aq soln

synthesis of superabsorbent polymer hydrogels with acs publications - Jun 06 2023

web dec 6 2021 abstract a superabsorbent polymer sap was synthesized by solution polymerization the influence of synthesis technology was studied and optimized and ftir sem and tga were used to characterize the

trace organic contaminant removal from municipal acs - Feb 19 2022

web nov 7 2023 trace organic contaminants trocs present major removal challenges for wastewater treatment trocs such as perfluoroalkyl and polyfluoroalkyl substances pfas are associated with chronic toxicity at ng l 1 exposure levels and should be removed from wastewater to enable safe reuse and release of treated effluents established

superabsorbent polymers from long established microplastics - May 05 2023

web feb 1 2022 superabsorbent polymers saps play important roles in our daily life as they are applied in products for hygiene agriculture construction etc superabsorbent polymers science and technology 1994 a das et al development of high absorbent light weight sanitary napkin j appl polym sci 2008 acs appl polym mater 2021 m

development history and synthesis of super absorbent polymers - Aug 28 2022

web may 6 2020 super absorbent polymers saps refer to a three dimensional network polymer water swellable water insoluble organic or inorganic material that can absorb thousands of times its own weight of distilled water it is widely used in various fields such as agricultural biomedical daily physiological products separation technology and

superabsorbent polymers a state of art review on their - Sep 28 2022

web superabsorbent polymers sap and modified natural polymer hydrogels are widely and increasingly used in agriculture health care textiles effluent treatment drug delivery tissue engineering civil concrete structure etc however not many comprehensive reviews are available on this class of novel polymers a review covering all the viable applications of

superabsorbent polymers science and technology google - Jul 27 2022

web discusses the fundamental aspects of structure property relationships in superabsorbent polymers including network modeling and compressibility of ionic gels describes methods of preparation

superabsorbent polymers an idea whose time has come acs - Oct 10 2023

web superabsorbent polymers are cross linked polyelectrolytes because of their ionic nature and interconnected structure they absorb large quantities of water and other aqueous solutions without dissolving

thermoresponsive helical dendronized poly acs publications - Jan 01 2023

web nov 3 2023 dynamic helical polymers can change their helicity according to external stimuli due to the low helix inversion barriers while helicity stabilization for polymers is important for applications in chiral recognition or chiral separations here we present a convenient methodology to stabilize dynamic helical conformations of polymers through

superabsorbent 3d scaffold based on electrospun acs - Jun 25 2022

web aug 25 2016 superabsorbent polymers a state of art review on their classification synthesis physicochemical properties and applications reviews in chemical engineering 2023 39 1 127 171

the synthesis of a superabsorbent polymer journal of - Mar 03 2023

web the preparation and mode of action of a superabsorbent polymer is described the material consists of lightly crosslinked mostly neutralized polyacrylic acid which can be prepared using either a redox or a thermal radical initiator the resulting polymer absorbs 500 3000 times its weight in distilled water depending on the degree of crosslinking

superabsorbent polymers from long established microplastics - Feb 02 2023

web feb 1 2022 superabsorbent polymers saps are a kind of synthetic specialty polymers featured by remarkably high water uptake capacity a typical sap is highly hydrophilic networks that can imbibe and retain huge amounts of water or aqueous solutions even under pressure 6 7 8

morphology linguistics 1 5k plays quizizz - Aug 22 2022

web english morphology mutiple choice questions textbook of oral anatomy physiology

quiz worksheet morphology in linguistics study com - Sep 03 2023

web differentiate types of morphemes understand the basic principles of morphology

[english morphology mutiple choice questions](#) - Dec 14 2021

web one merely said the english morphology mutiple choice questions is universally

english morphology mutiple choice questions - Mar 17 2022

web studies from english this book develops and justifies the theoretical apparatus

[morphology quizizz](#) - Feb 25 2023

web browse by subject test and improve your knowledge of english morphology spelling

morphology multiple choice questions i need help with please - Apr 17 2022

web english morphology mutiple choice questions getting the books english

[english morphology mutiple choice questions](#) - Jun 19 2022

web highlight of question bank in each unit you will get 300 question answer based on

englishmorphologym utiplechoicequestio ns - Jan 15 2022

web english morphology mutiple choice questions author online kptm edu my 2023 07

10 morphology quizzes questions answers trivia proprofs - Oct 24 2022

web multiple choice edit please save your changes before editing any questions 30

english morphology vocabulary grammar chapter exam - Nov 24 2022

web aug 20 2023 morphology quizzes offer an educational exploration of the structure and

[morphology quizizz](#) - Jul 01 2023

web 10 seconds 1 pt what is morphology study the rules governing the relationship

[english morphology mutiple choice questions pdf](#) - May 19 2022

web get more out of your subscription access to over 100 million course specific study

quiz worksheet morphology of english study com - Aug 02 2023

web morphology quiz for university students find other quizzes for english and more on

morphology mcq s l morphology quiz l morphology english - Apr 29 2023

web morphology quiz 1 quiz for university students find other quizzes for english and

english morphology spelling chapter exam study com - Jan 27 2023

web 1 what is morphology a the study of the rules governing the sounds that form words

[morphology and syntax 307 plays quizizz](#) - Sep 22 2022

web a branch of linguistics the list of the words of any language none of them multiple

morphology quiz 1 quizizz - Mar 29 2023

web morphology quiz for university students the picture above demonstrates the 8

morphology quiz quizizz - May 31 2023

web nov 22 2020 morphology mcq s l morphology quiz l morphology leave a

english morphology mutiple choice questions pdf - Jul 21 2022

web proficiency in english underlined there the information helpful in answering multiple

english morphology mutiple choice questions pdf pdf - Feb 13 2022

web english morphology and syntax 1877 1960 textbook of oral anatomy physiology

morphology test university of birmingham - Dec 26 2022

web test and improve your knowledge of english morphology vocabulary grammar with

english morphology exam quiz proprofs - Oct 04 2023

web sep 19 2023 1 which of the following is not one of the required word properties a

english morphology mutiple choice questions - Nov 12 2021

physical sciences p2 memo eng afr nov 2008 - Jul 02 2022

web question 1 vraag 1 1 1 endothermic endotermies 3 1 2 dynamic dinamiese3 chemical equilibrium no marks chemiese

ewewig geen punte 1 3 oxidation oksidasie 3 1 4 membrane cell membraan sel 3 12 2 3 1 12 2 1 1 12 2 1 1 accept aanvaar

national senior certificate grade 12 national - Dec 07 2022

web nov 11 2013 5 2 1 a balanced chemical equation using molecular formulae for the reaction that takes place 3 5 2 2 the type of reaction that takes place 1 5 2 3 one reaction condition other than the solvent needed 1 5 3 compound q takes part in reactions as shown in the flow diagram below write down the

grade 11 november 2013 - Aug 15 2023

web the broad principles must be adhered to in the marking of physical sciences tests and examinations 1 1 mark allocation 1

1 1 definitions two marks will be awarded for a correct definition no marks will be awarded for an incorrect or partially correct definition 1 1 2 calculations

physical sciences paper 2 grade 12 memorandum nsc exams past papers - Aug 03 2022

web sep 21 2021 physical sciences paper 2 grade 12 nsc exams past papers and memos november 2018 memorandum

question 11 1 c 2 1 2 c 2 1 3 c 2 1 4 a 2 1 5 d 2 1 6 b 2 1 7 b 2 1 8

physical sciences p2 grade 11 exemplar 2013 eng afr memo - Jul 14 2023

web exemplar model 2013 memorandum national senior certificate nasionale senior sertifikaat grade graad 11 physical

sciences p2 fisiese wetenskappe v2 2 db e 2013 nsc nss grade 11 exemplar graad 11 model memorandum physical sciences p2 fisiese wetenskappe v2 8 db e 2013

senior certificate national senior certificate - Jan 28 2022

web 2 3 2 write down the structural formula of the functional group of the aldehydes 1 3 4 1 compounds with london forces only 1 3 4 2 the aldehydes explain the answer 4 3 6 write down the iupac name of the compound containing five carbon atoms which has the lowest vapour pressure at a given temperature 2 15

download grade 12 physical sciences past exam papers and memorandums - Jan 08 2023

web sep 15 2021 download grade 12 physical sciences past exam papers and memorandums here is a collection of past physical sciences papers plus memos to help you prepare for the matric finals

physical science paper 2 2013 memorandum app oaklandlibrary - Feb 09 2023

web can read or download physical science paper 2 memorandum november 2013 grade 12 pdf in pdf format if you don't see any interesting for you use our search form on bottom physical science paper 2 memorandum november 2013 grade 12 grade 11 physical sciences paper 2 nov exam papers grade 11 physical sciences paper 2 nov

physical sciences paper 2 grade 12 memorandum nsc past papers and - Mar 30 2022

web jul 27 2021 physical sciences paper 2 grade 12 memorandum nsc past papers and memos november 2017 they have single bonds between c atoms they have no double or triple bonds or multiple bonds they contain the maximum number of h atoms bonded to c atoms each c atom is bonded to four other atoms

physical sciences paper 2 grade 12 memorandum nsc past papers - Apr 30 2022

web nov 25 2021 physical sciences chemistry p2 grade 12 november 2019 memorandum national senior certificate question 11 1 d 2 1 2 c 2 1 3 b 2 1 4 d 2 physical sciences paper 2 grade 12 memorandum nsc past papers and memos november 2019

download grade 12 physical sciences past exam papers and - Jun 13 2023

web apr 2 2020 2015 physical sciences paper 1 memorandum 2015 physical sciences paper 2 2015 physical sciences paper 2 2014 november 2014 physical sciences p1 2014 physical sciences p1 memorandum 2014 physical sciences p2 2014

physical sciences p2 memorandum 2014 grade 12 nsc exemplars 2014 physical sciences

exam papers mindset learn - Feb 26 2022

web grade 11 physical sciences paper 1 nov exam memo afrikaans 2013 grade 11 physical sciences paper 1 nov exam memo english 2013 grade 11 physical sciences paper 1 nov exam paper english 2013 grade 10 physical sciences paper 2 exemplar exam memo english 2012 grade 10 physical sciences paper 2

physical sciences chemistry p2 november 2010 memorandum - Sep 04 2022

web 2 1 candidates must be penalised only once for the repeated use of an incorrect unit within a question or subquestion 2

2 units are only required in the final answer to a calculation 2 3 award marks for an answer only and not for a unit per se candidates forfeit the mark allocated for the answer in each of the following situations

national senior certificate examination november 2013 - Dec 27 2021

web november 2013 physical sciences paper ii time 3 hours 200 marks please read the following instructions carefully 1 this question paper consists of pages an15 answer sheet graph paper of 1 page and a data booklet of 4 pages i iv with data and formulae please remove the data booklet and answer sheet from the

physical sciences chemistry paper 2 grade 12 memorandum - Jun 01 2022

web jun 14 2021 physical sciences chemistry paper two p2 grade 12 nsc exam papers and memos november 2016 memorandum question 11 1 d 2 1 2 c 2

download gr 12 question papers and memo s 2008 2014 physical sciences - Oct 05 2022

web physical sciences p1 nov 2013 eng physical sciences p1 nov 2013 memo afr eng physical sciences p2 nov 2013 eng physical sciences p2 nov 2013 memo afr eng physical sciences p1 nov 2012 eng physical sciences p1 nov 2012 memo afr eng physical sciences p2 feb march 2012 eng physical sciences p2 feb march 2012

grade 12 physics chemistry past papers memos 2013 november - Apr 11 2023

web jul 30 2021 grade 12 physics chemistry past papers memos 2013 november a list of past papers with their respective memorandums available for students that are striving to do their very best in grade 12

2013 november nsc examination papers digital street - Mar 10 2023

web sep 11 2023 paper 2 english download paper 2 afrikaans download paper 1 english download paper 1 afrikaans download memo 2 english download memo 2 afrikaans download memo 1 english download memo 1 afrikaans download *grade 12 physical sciences past exam papers and memorandums* - May 12 2023

web sep 19 2021 2016 physical sciences paper 1 memorandum 2016 physical sciences paper 2 2016 physical sciences paper 2 memorandum 2016 feb march 2016 physical sciences paper 1 2016 physical sciences paper 1 memorandum 2016 physical sciences paper 2 2016 physical sciences paper 2 memorandum 2015 november

physical science paper 2 2013 memorandum 2022 - Nov 06 2022

web physical sciences p1 exam revision live physical sciences paper 2 prelim revision revision chemistry physical sciences p1 exam revision live physical sciences p2 chemical rates and equilibrium exam revision work energy power grade 11 and