

GRADE 10 PHYSICAL SCIENCES

NOVEMBER EXAMINATION PAPER 2: CHEMISTRY

SECTION A

QUESTION 1

Various options are provided as possible answers to the following questions. Choose the correct answer and write **ONLY** the LETTER (A-D) next to the QUESTION NUMBER in your answer book.

1.1 Which of the following is an example of a mixture?

- A distilled water
- B diamond
- C sodium chloride
- D kynap

1.2 Element with the electron configuration: $1s^2, 2s^2, 2p^4$

- A oxygen
- B carbon
- C helium
- D nitrogen

1.3 The chemical formula of sodium sulfide

- A NaS
- B Na₂S
- C NaS₂
- D Na₂S₂

1.4 Strongest intermolecular force found in water?

- A Ion-dipole
- B Dipole-dipole
- C Van der Waals
- D Hydrogen bond

1.5 The particles of a gas ...

- A are tightly packed
- B vibrate against each other
- C move freely and rarely touch
- D move over one another

1.6 Element with the highest electronegativity?

- A Hydrogen
- B Helium
- C Oxygen
- D Fluorine

1.7 When an atom of Group 16 ionises to become an ion, the

- A mass number of the atom will increase
- B atomic number of the atom will decrease
- C number of electrons will decrease
- D number of electrons will increase

1.8 An element with the following Aufbau diagram will be classified as a:



- A noble gas
- B halogen
- C alkali earth-metal
- D alkali metal

Physical Science Paper 2 Grade 10 November Exemplar

Patrick Vollmar



Physical Science Paper 2 Grade 10 November Exemplar:

The Top Books of the Year Physical Science Paper 2 Grade 10 November Exemplar The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels enthralling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the engaging narratives that have captivated audiences this year.

Physical Science Paper 2 Grade 10 November Exemplar : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed.

Uncover the Best : Taylor Jenkins Reid's "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reid's captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery.

Physical Science Paper 2 Grade 10 November Exemplar : Delia Owens' "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens spins a tale of resilience, survival, and the transformative power of nature, entrancing readers with its evocative prose and mesmerizing setting.

These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of compelling stories waiting to be discovered.

The novel begins with Richard Pappen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts.

The Secret History is a exceptional and suspenseful novel that will keep you wondering until the very end. The novel is a warning tale about the dangers of obsession and the power of evil.

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Table of Contents Physical Science Paper 2 Grade 10 November Exemplar

1. Understanding the eBook Physical Science Paper 2 Grade 10 November Exemplar
 - The Rise of Digital Reading Physical Science Paper 2 Grade 10 November Exemplar
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Paper 2 Grade 10 November Exemplar
 - 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 Physical Science Paper 2 Grade 10 November Exemplar
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Paper 2 Grade 10 November Exemplar
 - Personalized Recommendations
 - Physical Science Paper 2 Grade 10 November Exemplar User Reviews and Ratings
 - Physical Science Paper 2 Grade 10 November Exemplar and Bestseller Lists
5. Accessing Physical Science Paper 2 Grade 10 November Exemplar Free and Paid eBooks
 - Physical Science Paper 2 Grade 10 November Exemplar Public Domain eBooks
 - Physical Science Paper 2 Grade 10 November Exemplar eBook Subscription Services
 - Physical Science Paper 2 Grade 10 November Exemplar Budget-Friendly Options
6. Navigating Physical Science Paper 2 Grade 10 November Exemplar eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical Science Paper 2 Grade 10 November Exemplar Compatibility with Devices
 - Physical Science Paper 2 Grade 10 November Exemplar Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science Paper 2 Grade 10 November Exemplar
 - Highlighting and Note-Taking Physical Science Paper 2 Grade 10 November Exemplar
 - Interactive Elements Physical Science Paper 2 Grade 10 November Exemplar
8. Staying Engaged with Physical Science Paper 2 Grade 10 November Exemplar

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Physical Science Paper 2 Grade 10 November Exemplar
- 9. Balancing eBooks and Physical Books Physical Science Paper 2 Grade 10 November Exemplar
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science Paper 2 Grade 10 November Exemplar
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Paper 2 Grade 10 November Exemplar
 - Setting Reading Goals Physical Science Paper 2 Grade 10 November Exemplar
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Paper 2 Grade 10 November Exemplar
 - Fact-Checking eBook Content of Physical Science Paper 2 Grade 10 November Exemplar
 - 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

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