

PHYSICAL SCIENCES P.2

MEMO-2024



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

G.12

NATIONAL
SENIOR CERTIFICATE

Diagram on page 9 is redrawn below for easy reference.



Changes to the conditions of equilibrium are made at different times. The graph shows the results obtained. X, Y and Z represent the gases in the above reaction.



2.1.1 Define for both chemical equilibrium

Use the graph to answer the questions below.

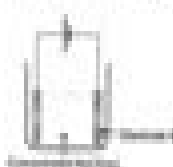
The inorganic reagents shown below are available for reactions IV and Y.

Br ₂	H ₂ SO ₄ (conc.)	NaOH(aq.)	HBr	H ₂
-----------------	----------------------------------------	-----------	-----	----------------

4.5 Write down the TYPE of elimination in reaction III.

4.6 Compounds R and T are positional isomers.

4.7 Identify the reaction in the diagram above and write down the name of the reaction.



4.8 Write down the half-cell reaction for the anode and the half-cell reaction for the cathode.

4.9 Write down the name of the reaction in the diagram above.

4.10 Write down the name of the reaction in the diagram above.



4.11 Write down the name of the reaction in the diagram above.

4.12 Write down the name of the reaction in the diagram above.

4.13 Write down the name of the reaction in the diagram above.

4.14 Write down the name of the reaction in the diagram above.

Physical Science Paper 2 2014 November Memorandum Grade 1

R Bogdan



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Table of Contents Physical Science Paper 2 2014 November Memorandum Grade 1

1. Understanding the eBook Physical Science Paper 2 2014 November Memorandum Grade 1
 - The Rise of Digital Reading Physical Science Paper 2 2014 November Memorandum Grade 1
 - Advantages of eBooks Over Traditional Books
2. Identifying Physical Science Paper 2 2014 November Memorandum Grade 1
 - 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 2014 November Memorandum Grade 1
 - User-Friendly Interface
4. Exploring eBook Recommendations from Physical Science Paper 2 2014 November Memorandum Grade 1

- Personalized Recommendations
- Physical Science Paper 2 2014 November Memorandum Grade 1 User Reviews and Ratings
- Physical Science Paper 2 2014 November Memorandum Grade 1 and Bestseller Lists
- 5. Accessing Physical Science Paper 2 2014 November Memorandum Grade 1 Free and Paid eBooks
 - Physical Science Paper 2 2014 November Memorandum Grade 1 Public Domain eBooks
 - Physical Science Paper 2 2014 November Memorandum Grade 1 eBook Subscription Services
 - Physical Science Paper 2 2014 November Memorandum Grade 1 Budget-Friendly Options
- 6. Navigating Physical Science Paper 2 2014 November Memorandum Grade 1 eBook Formats
 - ePub, PDF, MOBI, and More
 - Physical Science Paper 2 2014 November Memorandum Grade 1 Compatibility with Devices
 - Physical Science Paper 2 2014 November Memorandum Grade 1 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Physical Science Paper 2 2014 November Memorandum Grade 1
 - Highlighting and Note-Taking Physical Science Paper 2 2014 November Memorandum Grade 1
 - Interactive Elements Physical Science Paper 2 2014 November Memorandum Grade 1
- 8. Staying Engaged with Physical Science Paper 2 2014 November Memorandum Grade 1
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Physical Science Paper 2 2014 November Memorandum Grade 1
- 9. Balancing eBooks and Physical Books Physical Science Paper 2 2014 November Memorandum Grade 1
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Physical Science Paper 2 2014 November Memorandum Grade 1
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Physical Science Paper 2 2014 November Memorandum Grade 1
 - Setting Reading Goals Physical Science Paper 2 2014 November Memorandum Grade 1
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Physical Science Paper 2 2014 November Memorandum Grade 1

- Fact-Checking eBook Content of Physical Science Paper 2 2014 November Memorandum Grade 1
- 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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