

# PHYSICAL SCIENCES

## PAPER 1

## MAY-JUNE

## MEMO

# 2025



Figure 1 is a circuit diagram used for Question 1. The voltmeter is connected in parallel with the battery.

1.1 (1 mark)  
State the meaning of potential difference across a component.  
Answer: The difference in potential energy per unit charge between two points in the circuit.



- 2.1 (1 mark)  
State the condition for equilibrium.  
2.2 (2 marks)  
Calculate the magnitude of the force F.



basic education

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Basic Education  
REPUBLIC OF SOUTH AFRICA



# Physical Science Memo November 2013 For Grade 10

**Yaroslav Kuzminov, Maria Yudkevich**



## **Physical Science Memo November 2013 For Grade 10:**

**Ploughshares and Swords** Jayita Sarkar, 2022-07-15 India's nuclear program is often misunderstood as an inward looking endeavor of secretive technocrats. In *Ploughshares and Swords*, Jayita Sarkar challenges this received wisdom narrating a global story of India's nuclear program during its first forty years. The book foregrounds the program's civilian and military features by probing its close relationship with the space program. Through nuclear and space technologies, India's leaders served the technopolitical aims of economic modernity and the geopolitical goals of deterring adversaries. The politically savvy transnationally connected scientists and engineers who steered the program obtained technologies, materials, and information through a variety of state and nonstate actors from Europe and North America, including both superpowers. They thus maneuvered around Cold War politics and the choke points of the nonproliferation regime. Hyperdiversification increased choices for the leaders of the nuclear program but reduced democratic accountability at home. The nuclear program became a consensus enforcing device in the name of the nation. *Ploughshares and Swords* is a provocative new history with global implications. It shows how geopolitical and technopolitical visions influence decisions about the nation after decolonization. Thanks to generous funding from the Swiss National Science Foundation, the ebook editions of this book are available as Open Access volumes from Cornell Open, [cornellpress.cornell.edu/cornell-open](http://cornellpress.cornell.edu/cornell-open), and other repositories.

**Higher Education in Russia** Yaroslav Kuzminov, Maria Yudkevich, 2022-09-13 Higher Education in Russia is a must read for scholars of higher education and Russian history alike.

**Who's who Among Students in American Universities and Colleges** Henry Pettus Randall, 1973      [Government Reports Announcements & Index](#), 1987-03      **Everything Science**,

**Resource Guide in Physical Science** Kalamazoo Public Schools (Kalamazoo, Mich.). Department of Instruction and Guidance, 1960

This book delves into Physical Science Memo November 2013 For Grade 10. Physical Science Memo November 2013 For Grade 10 is a crucial topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Physical Science Memo November 2013 For Grade 10, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
    - Chapter 1: Introduction to Physical Science Memo November 2013 For Grade 10
    - Chapter 2: Essential Elements of Physical Science Memo November 2013 For Grade 10
    - Chapter 3: Physical Science Memo November 2013 For Grade 10 in Everyday Life
    - Chapter 4: Physical Science Memo November 2013 For Grade 10 in Specific Contexts
    - Chapter 5: Conclusion
  2. In chapter 1, this book will provide an overview of Physical Science Memo November 2013 For Grade 10. This chapter will explore what Physical Science Memo November 2013 For Grade 10 is, why Physical Science Memo November 2013 For Grade 10 is vital, and how to effectively learn about Physical Science Memo November 2013 For Grade 10.
  3. In chapter 2, the author will delve into the foundational concepts of Physical Science Memo November 2013 For Grade 10. This chapter will elucidate the essential principles that must be understood to grasp Physical Science Memo November 2013 For Grade 10 in its entirety.
  4. In chapter 3, this book will examine the practical applications of Physical Science Memo November 2013 For Grade 10 in daily life. The third chapter will showcase real-world examples of how Physical Science Memo November 2013 For Grade 10 can be effectively utilized in everyday scenarios.
  5. In chapter 4, the author will scrutinize the relevance of Physical Science Memo November 2013 For Grade 10 in specific contexts. The fourth chapter will explore how Physical Science Memo November 2013 For Grade 10 is applied in specialized fields, such as education, business, and technology.
  6. In chapter 5, the author will draw a conclusion about Physical Science Memo November 2013 For Grade 10. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Physical Science Memo November 2013 For Grade 10.

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