

# GRADE 11 PHYSICAL SCIENCES NOVEMBER EXAMINATION PAPER 1: PHYSICS

#### 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 GUESTICN NUMBER in your answer book.

1.1	Ac.	example	dis	vector	quartity
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- A velocity
- 8 displacement
- C speed
- D mans
- 1.2 A boy sits on a chair. Gravitational force pulls him down, the force that keeps him from moving down would be:
  - A ... friction
  - B applied force
  - C gravity
  - D normal force
- 1.3 Two forces F<sub>1</sub> and F<sub>2</sub> have a net force of 125N if they act in the same direction and are balanced if they act in the opposite direction. The individual forces of F<sub>1</sub> and F<sub>2</sub> will be:
  - A 70N and 50N
  - 8 120N and 0N
  - C 60N and 60N
  - D 80N and 40N

#### Use the circuit diagram below to answer QUESTIONS 1.4 and 1.5



- 1.4 The voltage over the parallel resistors will be:
  - A 9
  - 8 7V
  - C 2V
  - D 3V
- 1.5 The total resistance of the circuit if all resistors were identical with a resistance of 20:
  - A 100
  - 9 4,670
  - C 50
  - D 60
- 1.6 A box is pushed forward with a force of 200N but does not move. A possible reason for this is that:
  - A. Hickoryal Street is also 200%.
  - B frictional force is more than 230N.
  - C Mictional force is less than 230N.
  - D none of the shows.
- 1.7 The diagram below shows a coil and a magnet with a pole P. A magnetic field is induced in the coil due to the motion of the magnet.



Which ONE of the following combinations will result in an induced magnetic field with NORTH POLE at point X

	ORECTION OF MOTION OF MAGNET	POLARITY OF P
A. 1	HIS the coil	North
0	Up and down inside the coil	North
¢ I	Into the coil	South
5	Up and down inside the coil	South

All trees

# Physical Science Memo Grade 11 Paper 1

**Cassidy Puckett** 

Physical Science Memo Grade 11 Paper 1:

# Physical Science Memo Grade 11 Paper 1 Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has be more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Physical Science Memo Grade 11 Paper 1**," compiled by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we will delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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# **Table of Contents Physical Science Memo Grade 11 Paper 1**

- 1. Understanding the eBook Physical Science Memo Grade 11 Paper 1
  - o The Rise of Digital Reading Physical Science Memo Grade 11 Paper 1
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Physical Science Memo Grade 11 Paper 1
  - Exploring Different Genres
  - o 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 Memo Grade 11 Paper 1
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Physical Science Memo Grade 11 Paper 1
  - Personalized Recommendations
  - Physical Science Memo Grade 11 Paper 1 User Reviews and Ratings

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