



**KWAZULU-NATAL PROVINCE**

EDUCATION  
REPUBLIC OF SOUTH AFRICA

**PHYSICAL SCIENCES  
SCOPE FOR EXAMINATIONS 2024: GRADE 12**

| <b>MARCH CONTROLLED TEST (100 marks)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                 |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|
| <b>PAPER</b>                             | <b>TOPICS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>MARK</b> | <b>DURATION</b> |
| <b>ONE PAPER ONLY</b>                    | <b><u>Mechanics</u></b><br><b>Momentum &amp; Impulse:</b><br>✓ Momentum, Newton's second law expressed in terms of Momentum,<br>✓ Conservation of momentum and Elastic and Inelastic collisions.<br><b>Vertical Projectile Motion in One Dimension (1D):</b><br>✓ represented in words, diagrams, equations and graphs.<br><br><b>Grade 11 Work</b><br>✓ Newton's Laws (Newton 1, 2, 3)<br>✓ Newton's Law of Universal Gravitation)<br>✓ Applications of Newton's Laws                                                                                                           | 50          | 2 hours         |
|                                          | <b><u>Matter and Materials</u></b><br><b>Organic molecules:</b><br>✓ Organic molecular structures - functional groups, saturated and unsaturated structures, isomers<br>✓ IUPAC naming and formulae<br>✓ Structure physical property relationships<br>✓ Applications of organic chemistry - Substitution, addition and elimination.<br>(ONLY alkanes, alkenes, alkynes, alcohols, haloalkanes, carboxylic acids, and esters)<br><br><b>Grade 11 Work</b><br>✓ Inter-molecular forces<br><br><b>NB:</b> Quantitative aspects of chemical change may be assessed across chemistry. | 50          |                 |

# Physical Science June Exam Paper Scope

**Mark Steyvers**



**Physical Science June Exam Paper Scope:**

## Whispering the Techniques of Language: An Mental Journey through **Physical Science June Exam Paper Scope**

In a digitally-driven earth wherever displays reign great and immediate connection drowns out the subtleties of language, the profound techniques and emotional subtleties hidden within phrases usually go unheard. However, set within the pages of **Physical Science June Exam Paper Scope** a captivating fictional prize pulsing with fresh feelings, lies an extraordinary quest waiting to be undertaken. Published by an experienced wordsmith, that marvelous opus encourages visitors on an introspective trip, gently unraveling the veiled truths and profound affect resonating within the very cloth of each and every word. Within the emotional depths of this emotional review, we can embark upon a sincere exploration of the book is core styles, dissect its charming publishing fashion, and yield to the strong resonance it evokes deep within the recesses of readers hearts.

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