



KWAZULU-NATAL PROVINCE

EDUCATION
REPUBLIC OF SOUTH AFRICA

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

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

Scope Of Physics Paper Grade 1final

Judd E. Hollander



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Embracing the Song of Term: An Mental Symphony within **Scope Of Physics Paper Grade 1final**

In a global consumed by monitors and the ceaseless chatter of quick interaction, the melodic beauty and psychological symphony developed by the published word frequently fade into the background, eclipsed by the constant noise and distractions that permeate our lives. Nevertheless, located within the pages of **Scope Of Physics Paper Grade 1final** a wonderful literary treasure filled with natural emotions, lies an immersive symphony waiting to be embraced. Constructed by a masterful composer of language, that fascinating masterpiece conducts viewers on a psychological trip, skillfully unraveling the concealed songs and profound impact resonating within each carefully constructed phrase. Within the depths of the moving evaluation, we shall explore the book is key harmonies, analyze their enthralling publishing design, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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