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REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

GRADE 12 PHYSICAL SCIENCES: 2024 MID-YEAR EXAMINATIONS SCOPE

PAPER 1: PHYSICS

№	Topic	Multiple Choice Questions		Structured Questions		Total
		№	Marks	№	Marks	Marks
1.	Newton's Laws of Motion	1.1 1.2 1.3	2 2 2	2 3	11 20	37
2.	Vertical Projectile Motion	1.4 1.5	2 2	4	23	27
3.	Momentum and Impulse	1.6	2	5	14	16
4.	Work, Energy and Power	1.7 1.8	2 2	6 7 8	10 13 7	34
5.	Doppler Effect	1.9	2	9	12	14
6.	Electrostatics	1.10	2	10	20	22
	Total Marks		20		130	150

Duration = 3 Hours

PAPER 2: CHEMISTRY

Matter and Materials	4 x MCQ	8 marks
	Molecular structures and IUPAC naming	30 marks
	Structure and physical relationships	16 marks
	Applications of organic chemistry	13 marks
Chemical Change	6 x MCQ	12 marks
	Energy change and rate of reactions	20 marks
	Chemical Equilibrium	23 marks
	Acids and bases	28 marks

Matter and Materials: 4MCQ + 59 marks structured = 67marks

Chemical Change: 6 MCQ + 71 marks structured= 83 marks

TOTAL MARKS = 150

Duration = 3hours

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