

PHYSICAL SCIENCES (Updated March 2014)

A. MEANS OF ASSESSMENT

Paper 1	3 hours	200 marks (scaled to 150 marks)
Paper 2	3 hours	200 marks (scaled to 150 marks)
School Based Assessment (SBA)		100 marks

400 marks

B. REQUIREMENTS

1. Examination

- Assessment tasks and questions will be based on the Subject Assessment Syllabus as outlined in Section E of this document.
- There will be two examination papers that will be written on different days.
- A variety of questioning styles will be employed in the final examination with a maximum of 10% of the marks being in the multiple choice format.

WEIGHTING OF KNOWLEDGE AREAS

Table 1 – Physical Sciences Paper I (Physics)

Content Areas	Approximate Marks (c. 10 marks)	Approximate % (c. 5%)
Kinematics (Motion in 1D)	50	15
Newton's Laws and Applications of Newton's Laws	30	15
Momentum, Impulse, Work, Energy and Power	30	15
Gravitational and Electric Fields	30	10
Electric Circuits	30	15
Electrodynamics	24	12
Photons and Electrons	16	8

Table 2 – Physical Sciences Paper II (Chemistry)

Content Areas	Approximate Marks (c. 10 marks)	Approximate % (c. 5%)
Quantitative Chemistry	20	10
Chemical Bonding	20	10
Energy Change & Rates of Reactions	20	10
Chemical Equilibrium	30	15
Acids and Bases	30	15
Electrochemistry	40	20
Organic	40	20

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