

# basic education

Department: Basic Education REPUBLIC OF SOUTH AFRICA

#### NATIONAL SENIOR CERTIFICATE

**GRADE 12** 

PHYSICAL SCIENCES: PHYSICS (P1)

FEBRUARY/MARCH 2015

MARKS: 150

TIME: 3 hours

This question paper consists of 17 pages and 3 data sheets.

# Physical Sciences P1 Feb March 2015 Memorandum

**James Essig, Steve McCarter** 

#### **Physical Sciences P1 Feb March 2015 Memorandum:**

The Case for Pandora James Essig, Steve McCarter, 2016-12-19 This book is about building craft for space travel space travel that is not in the distant future but in the immediate future There is no question that we have the technology to build and power large craft capable of traversing the galaxy and for now this book will focus on achieving the goal of intragalactic travel We will describe various methods of power generation and propulsion delineate the materials and technology for construction discuss the building of the spacecraft from the outside in and show what is required to sustain life on the craft for extended periods of time While we will go into some detail on each of these pointing out advantages and disadvantages to components and methods this is not nor is it intended to be a highly technical book to be used by specialists Rather it is intended to inform the general readership about what is possible and perhaps what is not in building and operating spacecraft for long distance and long duration travel with current and available means

Physical Science Paper 1 & 2 (June Papers), 1975

Physical Science, 1981

The Enigmatic Realm of Physical Sciences P1 Feb March 2015 Memorandum: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Physical Sciences P1 Feb March 2015 Memorandum** a literary masterpiece penned with a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book is core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of people who partake in its reading experience.

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