

## **Grade 11      November Exam Scope**

### **Mathematics:**

#### **Paper 1 – 2,5 hours**

1. Exponents
2. Surds
3. Equations and inequalities, completing the square
4. Nature of roots
5. Number Patterns
6. Functions – straight line, parabola, hyperbola, exponential graphs
7. Finance
8. Probability – 3 circle Venn diagrams, tree diagrams, contingency tables, independent events

#### **Paper 2 – 2,5 hours**

1. Analytical geometry
2. Trigonometry – reduction formulae, equations, identities, trig on the Cartesian plane
3. Trig graphs
4. Circle Euclidean geometry
5. Statistics
6. Trigonometry – solving triangles using SOH CAH TOA, sin rule, cos rule and area rule
7. Measurement

### **Life Sciences**

#### **Paper 1 – 2,5 hours**

1. Supporting systems and movement in animals – human skeleton, joints, and muscles.
2. Transport in animals – the human circulatory system, heart structure, blood vessels, blood, and lymph as a tissue.
3. Excretion in humans and the urinary system.
4. The Human nervous system
  - The nervous systems
  - The brain, spinal cord, and reflex arc
  - Nerve tissue and transmission of nerve impulses
  - Receptors

# Life Science Paper1 Scope Grade 11 2014

**Judd E. Hollander**



## Life Science Paper1 Scope Grade 11 2014:

Science Scope ,2003      **Current Index to Journals in Education** ,2002      Resources in Education ,1994      **School** ,1928      **Energy** ,1981      **The Central Nervous System in Pediatric Critical Illness and Injury** Derek S. Wheeler,Hector R. Wong,Thomas P. Shanley,2008-12-23 Neurologic emergencies are a common reason for admission to the pediatric intensive care unit PICU A thorough understanding of the diseases and disorders affecting the pediatric central nervous system is vital for any physician or healthcare provider working in the PICU In the following pages an international panel of experts provides an in depth discussion on the res citation stabilization and ongoing care of the critically ill or injured child with central nervous system dysfunction Once again we would like to dedicate this textbook to our families and to the physicians and nurses who provide steadfast care every day in pediatric intensive care units across the globe Derek S Wheeler Hector R Wong Thomas P Shanley v Preface to Pediatric Critical Care Medicine Basic Science and Clinical Evidence The eld of critical care medicine is growing at a tremendous pace and tremendous advances in the understanding of critical illness have been realized in the last decade My family has directly bene ted from some of the technological and scienti c advances made in the care of critically ill children My son Ryan was born during my third year of medical school By some peculiar happenstance I was nearing completion of a 4 week rotation in the newborn intensive care unit NICU      *Business Periodicals Index* ,2007      *F & S Index United States Annual* ,2005      **Comprehensive Dissertation Index, 1861-1972: Education** Xerox University Microfilms,1973      *Energy: a Continuing Bibliography with Indexes* ,1983      *Philippine Education Magazine* ,1927      **Indian Science Abstracts** ,1993      Environment Information Access ,1973      *Predicasts F & S Index United States* ,1993 A comprehensive index to company and industry information in business journals      *The Environment Index* ,1975      **Who's who in American Education** ,1992      British Education Index ,2005      Book Review Digest ,1933      **Energy Information Abstracts** ,1989      **Science Citation Index** ,1992 Vols for 1964 have guides and journal lists

## Unveiling the Power of Verbal Art: An Mental Sojourn through **Life Science Paper1 Scope Grade 11 2014**

In a world inundated with screens and the cacophony of instant interaction, the profound energy and emotional resonance of verbal art frequently fade into obscurity, eclipsed by the continuous assault of noise and distractions. However, located within the lyrical pages of **Life Science Paper1 Scope Grade 11 2014**, a fascinating perform of fictional elegance that pulses with raw thoughts, lies an unique journey waiting to be embarked upon. Written by a virtuoso wordsmith, that enchanting opus guides visitors on a mental odyssey, lightly exposing the latent potential and profound affect stuck within the complicated web of language. Within the heart-wrenching expanse of this evocative evaluation, we will embark upon an introspective exploration of the book is main themes, dissect their captivating writing fashion, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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