

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 Scope For Grade11 D9

Lingsheng Yao



Life Sciense Scope For Grade11 D9:

The book delves into Life Science Scope For Grade11 D9. Life Science Scope For Grade11 D9 is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Life Science Scope For Grade11 D9, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Life Science Scope For Grade11 D9
 - Chapter 2: Essential Elements of Life Science Scope For Grade11 D9
 - Chapter 3: Life Science Scope For Grade11 D9 in Everyday Life
 - Chapter 4: Life Science Scope For Grade11 D9 in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, the author will provide an overview of Life Science Scope For Grade11 D9. The first chapter will explore what Life Science Scope For Grade11 D9 is, why Life Science Scope For Grade11 D9 is vital, and how to effectively learn about Life Science Scope For Grade11 D9.
 3. In chapter 2, the author will delve into the foundational concepts of Life Science Scope For Grade11 D9. The second chapter will elucidate the essential principles that must be understood to grasp Life Science Scope For Grade11 D9 in its entirety.
 4. In chapter 3, this book will examine the practical applications of Life Science Scope For Grade11 D9 in daily life. The third chapter will showcase real-world examples of how Life Science Scope For Grade11 D9 can be effectively utilized in everyday scenarios.
 5. In chapter 4, this book will scrutinize the relevance of Life Science Scope For Grade11 D9 in specific contexts. This chapter will explore how Life Science Scope For Grade11 D9 is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, this book will draw a conclusion about Life Science Scope For Grade11 D9. This chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Life Science Scope For Grade11 D9.

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web mar 10 2023 the rate at which work is performed is known as power this is a measure of energy consumed per unit of time formula $p = \frac{w}{t}$ where p power w work done t time taken definition of work energy theorem the work done on a body by applying force is equal to the change in kinetic energy of the body this is defined as work

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web work energy and power are fundamental concepts of physics work is said to be done when a force push or pull applied to an object causes a displacement of the object we define the capacity to do the work as energy

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