

Practical Task Term 1: Biosphere to ecosystems

Date: _____

Name: _____

Total	
	30

Duration: 45 minutes

INSTRUCTIONS AND INFORMATION**Read the following instructions carefully before answering the questions.**

1. This is a formal SBA task and must be done under supervised conditions in the classroom.
2. Each learner completes this task on his/her own (under test conditions).
3. Present the answers according to the instructions of each question.
4. Draw all diagrams in pencil and labels in blue ink.
5. The diagrams in the question paper may NOT be drawn to scale.

BACKGROUND INFORMATION

The biosphere is the thin layer of land, air and water around the earth's surface that supports life. The abiotic, or non-living, portion of each ecosystem in the biosphere includes the flow of energy, nutrients, water, and gases and the concentrations of organic and inorganic substances in the environment. The biotic, or living, portion includes organisms based on their methods of acquiring energy: the primary producers, largely green plants; the consumers, which include all the animals; and the decomposers, which include the microorganisms that break down the remains of plants and animals into simpler components for recycling in the biosphere.

Ecological pyramids are a graphical representation in the shape of a pyramid to show the feeding relationship of groups of organisms, and the flow of energy or biomass through the different trophic levels in a given ecosystem.

QUESTION 1: Abiotic factors

Grade 10 learners carried out an investigation to determine the water content,

Life Science Practical Task 4

Ian Pickup



Life Science Practical Task 4:

This book delves into Life Science Practical Task 4. Life Science Practical Task 4 is an essential topic that needs to be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Life Science Practical Task 4, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

- Chapter 1: Introduction to Life Science Practical Task 4
- Chapter 2: Essential Elements of Life Science Practical Task 4
- Chapter 3: Life Science Practical Task 4 in Everyday Life
- Chapter 4: Life Science Practical Task 4 in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Life Science Practical Task 4. This chapter will explore what Life Science Practical Task 4 is, why Life Science Practical Task 4 is vital, and how to effectively learn about Life Science Practical Task 4.
3. In chapter 2, the author will delve into the foundational concepts of Life Science Practical Task 4. The second chapter will elucidate the essential principles that need to be understood to grasp Life Science Practical Task 4 in its entirety.
4. In chapter 3, the author will examine the practical applications of Life Science Practical Task 4 in daily life. The third chapter will showcase real-world examples of how Life Science Practical Task 4 can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Life Science Practical Task 4 in specific contexts. The fourth chapter will explore how Life Science Practical Task 4 is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Life Science Practical Task 4. The final chapter will summarize the key points that have been discussed throughout the book.

The 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 Practical Task 4.

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