
**CBSE Quick Revision Notes (Class-11
Biology) CHAPTER-18 BODY FLUIDS
AND CIRCULATION**

Body fluids are the medium of transport of nutrients, oxygen and other important substance in the body.



Blood is the most commonly used body fluid in most of the higher organisms. Lymph also transports certain substances like protein and fats.

Blood

Blood is a mobile connective tissue composed of a fluid, plasma and the cells, the blood corpuscles. It forms about 30-35% of the extracellular fluid. It is slightly alkaline fluid having pH 7.4.



- ▶ **Plasma** is straw coloured viscous fluid that constitutes 55% of blood volume. It consists of 90-92% water, 6-8% protein (fibrinogens, albumins and globulins), glucose, amino acids and small amount of minerals like Na^+ , Ca^{++} , Cl^- etc.
- ▶ Erythrocytes, leucocytes and platelets are collectively called **formed elements**.
- ▶ **Erythrocytes** are most abundant cells in human body. Total blood count of RBCs is 5-5.5 million, which is slightly less in females due to menstruation. It is formed in bone marrow. Nucleus is absent in mammalian RBCs having biconcave in shape.

Biology Hkcee Ch18

D Kirk



Biology Hkcee Ch18:

This book delves into Biology Hkcee Ch18. Biology Hkcee Ch18 is a vital topic that needs to be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Biology Hkcee Ch18, encompassing both the fundamentals and more intricate discussions.

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

- Chapter 1: Introduction to Biology Hkcee Ch18
- Chapter 2: Essential Elements of Biology Hkcee Ch18
- Chapter 3: Biology Hkcee Ch18 in Everyday Life
- Chapter 4: Biology Hkcee Ch18 in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of Biology Hkcee Ch18. The first chapter will explore what Biology Hkcee Ch18 is, why Biology Hkcee Ch18 is vital, and how to effectively learn about Biology Hkcee Ch18.
3. In chapter 2, this book will delve into the foundational concepts of Biology Hkcee Ch18. The second chapter will elucidate the essential principles that need to be understood to grasp Biology Hkcee Ch18 in its entirety.
4. In chapter 3, the author will examine the practical applications of Biology Hkcee Ch18 in daily life. The third chapter will showcase real-world examples of how Biology Hkcee Ch18 can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of Biology Hkcee Ch18 in specific contexts. This chapter will explore how Biology Hkcee Ch18 is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, the author will draw a conclusion about Biology Hkcee Ch18. This 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. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Biology Hkcee Ch18.

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