

**Wednesday 12 June 2024 – Morning**

**A Level in Design and Technology:  
Design Engineering**

**H404/02 Problem Solving in Design Engineering**

**Time allowed: 1 hour 45 minutes**

**You must have:**

- the Resource Booklet

**You can use:**

- a ruler (cm/mm)
- a scientific calculator
- geometrical instruments



Please write clearly in black ink. Do not write in the barcodes.

Centre number

--	--	--	--	--

Candidate number

--	--	--	--

First name(s)

--

Last name

--

**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- Answer **all** the questions.
- Use the Resource Booklet to answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Each question tells you which part of the Resource Booklet to use.

**INFORMATION**

- The total mark for this paper is **70**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has **16** pages.

**ADVICE**

- Read each question carefully before you start your answer.

# Ocr June 2mechanics Paper

**M Lipman**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

**Ocr June 2mechanics Paper:**

The book delves into Ocr June 2mechanics Paper. Ocr June 2mechanics Paper is an essential topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Ocr June 2mechanics Paper, encompassing both the fundamentals and more intricate discussions.

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

- Chapter 1: Introduction to Ocr June 2mechanics Paper
- Chapter 2: Essential Elements of Ocr June 2mechanics Paper
- Chapter 3: Ocr June 2mechanics Paper in Everyday Life
- Chapter 4: Ocr June 2mechanics Paper in Specific Contexts
- Chapter 5: Conclusion

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

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