

Page 6	Mark Scheme IGCSE – May/June 2013	Syllabus 0625	Paper 32
5	<p>(a) (i) diffraction</p> <p>(ii) 1 or 2 parallel waves (and part-circular ends) in outer harbour NOT part-circular ends going down 3 part-circular waves, $> 45^\circ$ each side by eye, in inner harbour allow flat below gap centred in gap, allow error up to 1λ vertically wavelength constant throughout, must have 3 extra wavefronts, judged along line of direction of wave travel in Fig. 5.1</p> <p>(b) (i) refraction</p> <p>(ii) at least 4 parallel, straight waves joined onto original waves at least 3 straight waves, sloping down to the right OR with constant reduced λ</p>	<p>B1 [1]</p> <p>B1</p> <p>B1</p> <p>B1 [3]</p> <p>B1 [1]</p> <p>B1</p> <p>B1 [2]</p>	<p>[Total: 7]</p>
6	<p>(a) correct reflection of left ray AND $22^\circ \leq$ angle between right ray and surface $\leq 32^\circ$, by protractor rays projected back to form image in correct position</p> <p>(b) both rays refract down rays projected back to form image somewhere in water to the left of where left ray strikes surface</p> <p>(c) $\sin c = 1 / 1.33$ OR $\sin c / \sin r = 1 / 1.33$ OR $\sin^{-1} (1 / 1.33)$ OR $\sin^{-1} 0.75$ ($c = 48.8^\circ \Rightarrow$) 49°</p> <p>(d) appropriate use, accept diagram accept 'endoscope', 'in medicine' is not sufficient clear diagram of the above use or t.i.r. diagram for optical fibre one from: light goes down fibre/into body illuminates internal organ light/image returns from body/organ o.w.t.t.e.</p>	<p>B1</p> <p>B1 [2]</p> <p>M1</p> <p>A1 [2]</p> <p>C1</p> <p>A1 [2]</p> <p>M1</p> <p>A1</p> <p>A1 [3]</p>	<p>[Total: 9]</p>

June 2013 Mark Scheme Igcse

Mer Merlyn



June 2013 Mark Scheme Igcse:

IGCSE Mer Merlyn ,2015-08-27 Buku IGCSE ini merupakan aplikasi dari pelajaran matematika yang berbasis di University of Cambridge Berisi kumpulan soal lengkap dengan kunci jawaban Memudahkan para siswa dalam menghadapi pelajaran matematika Semoga buku ini bisa menjadi jembatan bagi para siswa yang ingin menguasai mata pelajaran matematika dengan baik

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The book delves into June 2013 Mark Scheme Igcse. June 2013 Mark Scheme Igcse is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into June 2013 Mark Scheme Igcse, encompassing both the fundamentals and more intricate discussions.

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

- Chapter 1: Introduction to June 2013 Mark Scheme Igcse
- Chapter 2: Essential Elements of June 2013 Mark Scheme Igcse
- Chapter 3: June 2013 Mark Scheme Igcse in Everyday Life
- Chapter 4: June 2013 Mark Scheme Igcse in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, the author will provide an overview of June 2013 Mark Scheme Igcse. The first chapter will explore what June 2013 Mark Scheme Igcse is, why June 2013 Mark Scheme Igcse is vital, and how to effectively learn about June 2013 Mark Scheme Igcse.
3. In chapter 2, the author will delve into the foundational concepts of June 2013 Mark Scheme Igcse. The second chapter will elucidate the essential principles that must be understood to grasp June 2013 Mark Scheme Igcse in its entirety.
4. In chapter 3, this book will examine the practical applications of June 2013 Mark Scheme Igcse in daily life. The third chapter will showcase real-world examples of how June 2013 Mark Scheme Igcse can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of June 2013 Mark Scheme Igcse in specific contexts. This chapter will explore how June 2013 Mark Scheme Igcse is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, the author will draw a conclusion about June 2013 Mark Scheme Igcse. 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. This book is highly recommended for anyone seeking to gain a comprehensive understanding of June 2013 Mark Scheme Igcse.

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