



Surname	Centre Number	Candidate Number
Other Names		G



GCSE
4503/02
PHYSICS
PHYSICS 3
HIGHER TIER



P.M. WEDNESDAY, 25 May 2016
1 hour

For Examiner's use only		
Question	Maximum Mark	Mark Awarded
1.	14	
2.	10	
3.	8	
4.	13	
5.	14	
Total	60	

ADDITIONAL MATERIALS

In addition to this paper you may require a calculator and a ruler.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer all questions.

Write your answers in the spaces provided in this booklet.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question.

You are reminded of the necessity for good English and orderly presentation in your answers.

A list of equations is printed on page 2. In calculations you should show all your working.

You are reminded that assessment will take into account the quality of written communication (QWC) used in your answer to question 2(a)(i) and 5(b).



Ll4 January 2013 Wjec Exam Past Paper

A Loxley



L14 January 2013 Wjec Exam Past Paper:

Whispering the Strategies of Language: An Emotional Journey through **Ll4 January 2013 Wjec Exam Past Paper**

In a digitally-driven earth wherever displays reign great and instant conversation drowns out the subtleties of language, the profound techniques and mental nuances concealed within phrases frequently move unheard. However, set within the pages of **Ll4 January 2013 Wjec Exam Past Paper** a captivating literary treasure sporting with fresh emotions, lies an extraordinary journey waiting to be undertaken. Published by a talented wordsmith, this enchanting opus encourages viewers on an introspective journey, delicately unraveling the veiled truths and profound impact resonating within ab muscles fabric of each and every word. Within the mental depths of the moving review, we will embark upon a sincere exploration of the book is core themes, dissect its charming publishing style, and fail to the powerful resonance it evokes heavy within the recesses of readers hearts.

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