

AS-LEVEL PHYSICS

Practice Paper 1

Name:

Maximum marks: 85 Time Allowed: 2 hours

These questions are from past papers covering topics and skills based on the advance information to help you prepare for the exams this summer.

Answer all questions in the spaces provided.

You will need a Data and Formulae Booklet

Section A

- 1 (a) (i) Name two baryons.
- _____ (2)
- (ii) State the quark structure of the pion π^+ .
- _____ (1)
- (b) (i) The K^+ kaon is a strange particle. Give **one** characteristic of a strange particle that makes it different from a particle that is not strange.
- _____ (1)
- (ii) One of the following equations represent a possible decay of the K^- kaon.
- $K^+ \rightarrow \pi^+ + \pi^0$
- $K^+ \rightarrow \mu^+ + \bar{\nu}_\mu$
- State, with a reason, which one of these decays is **not** possible.
- _____ (2)
- (c) Another strange particle, X , decays in the following way:
- $X \rightarrow \pi^- + p$
- (i) State what interaction is involved in this decay.
- _____ (1)

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**Great Britain. Parliament. House of
Commons**



June 2013 Physics Additional Paper Aqa:

Parliamentary Debates (Hansard). Great Britain. Parliament. House of Commons,2012

June 2013 Physics Additional Paper Aqa Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**June 2013 Physics Additional Paper Aqa**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

<https://staging.conocer.cide.edu/public/uploaded-files/default.aspx/Handbook%20Of%20Undergraduate%20Second%20Language%20Education.pdf>

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College, the idea of getting a ... "The Glass Menagerie," Scene One and Scene Two, by ... 41 Scene 1. 352 The Wingfield apartment is in the rear of the building, one of those vast hive-like conglomerations of cellular living-units that flower as ... Tennessee Williams - The Glass Menagerie (Scene 7) A moment after the curtain rises, the lights in both rooms flicker and go out.] JIM: Hey, there, Mr Light Bulb ! [AMANDA laughs nervously. LEGEND: 'SUSPENSION ... The Glass Menagerie: Acting Edition: Tennessee Williams A new introduction by the editor of The Tennessee Williams Annual Review, Robert Bray, reappraises the play more than half a century after it won the New York ...