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***Good Luck in your exams!***

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| **Physics Revision** - [***Quantum Phenomena, Particle Physics and Electricity***](http://umutech.github.io/Physics/Unit1Qs.pdf)  ***-*** [***6 Mark Questions of AS Physics (20 Sheets of 6 Mark Qs)***](http://umutech.github.io/Physics/SixMarksASPhysics.pdf)  - [Class Physics Specimen Paper 1](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\CC_PHYA\P1_PHYA_SPEC.pdf)  - [Class Physics Specimen Paper 2](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\CC_PHYA\P2_PHYA_SPEC.pdf)  [**Formulae Not Given in exam**](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\FormulaeNeeded.pdf)  [**Multiple Choice Questions Based on Materials & Mechanics (& Circuits) - Just like the real exam!**](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\MultipleChoiceMatMech.pdf)  [**Mix of Optics, Energy (Power) & Materials**](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\Unit2_Questions.pdf)  *Mechanics* - Mechanics Questions [*[Questions]*](http://umutech.github.io/Physics/MechanicsQ.pdf)[*[Answers]*](http://umutech.github.io/Physics/MechanicsQ%20Markschme.pdf) - More Mechanics [*[Questions]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_1.pdf)[*[Answers]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_1_Answers.pdf) - Even More Mechanics [*[Questions]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_2.pdf)[*[Answers]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_2_Answers.pdf) - Even Even More Mechanics [*[Questions]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_3.pdf)[*[Answers]*](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA2_Mechanics_Revision_qs_3_Answers.pdf) - [Forces and motion (AQA) questions - part 1](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/forces_and_motion_questions_part_1.pdf) - [Forces and motion (AQA) questions - part 2](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/forces_and_motion_questions_part_2.pdf)  - [***Mechanics Multiple Choice Challenge***](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\Challenge_Mechanics.pdf)  **Particle Physics** - Particle Physics [***[Questions]***](http://umutech.github.io/Physics/ParticleQ.pdf)[***[Answers]***](http://umutech.github.io/Physics/ParticleAns.pdf) - More Particle Physics [***[Questions]***](http://umutech.github.io/Physics/Phys_01/Particles___radiation_Revision_qs_4.pdf)[***[Answers]***](http://umutech.github.io/Physics/Phys_01/0_373728018_PHYA1_Particles___radiation_Revision_qs_4_mark_scheme.pdf) - [Particles and the atom (AQA) questions](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/particles_aqa_questions.pdf)   **Electricity (My Fav)** - [***Electricity Circuits Practice***](http://umutech.github.io/Physics/CircuitsIncMS.pdf) - [More Electricity Circuits [No MS]](http://umutech.github.io/Physics/Custom%20Made%20for%20Electricity.pdf)  ***Waves (2nd' Fav)*** - [Interference & Diffraction Questions [Includes MS]](http://umutech.github.io/Physics/Int_Diff_Qs.pdf) - Part 1 of Waves *Polarization etc*[[Questions]](http://umutech.github.io/Physics/physa_as_ch12_questions.pdf) [[Answers]](http://umutech.github.io/Physics/physa_as_ch12_answers.pdf) - Part 2 of Waves*Refractive Indexs' etc*[[Questions]](http://umutech.github.io/Physics/physa_as_ch13_questions.pdf) [[Answers]](http://umutech.github.io/Physics/physa_as_ch13_answers.pdf) - [Waves and interference (AQA) questions](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/waves_and_interference_qp.pdf)  - [Waves and interference (AQA) answers](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/waves_and_interference_ms.pdf)   - [Refractive index (AQA) [Questions]](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/refractive_index_qp.pdf) [[Answers]](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/refractive_index_ms.pdf) - [Refractive index  Questions (OCR)](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/ref_index_and_tir_ocr_qp.pdf)  ***Materials*** [- Materials Practice (Youngs’ Modulus & Hooke's Law)](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\PHYA2Materials.pdf)  [- More Materials Practice](file:///C:\Users\Umut%20Ekinci\Documents\GitHub\umutech.github.io\Physics\More_Materials.pdf)- [Materials and Youngs' modulus (AQA) [Questions](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/materials_and_youngs_modulus_qp.pdf)] [[Answers]](http://www.physbot.co.uk/uploads/1/2/5/0/12507040/materials_and_youngs_modulus_ms.pdf)[***AS Revision Links***](http://www.schoolphysics.co.uk/specifications/AS%20A2%20specifications/AQA%20AS%20A2%202009%20and%202010/Unit%202%20AS/index.html) [***Dr Bob Physics Revision List***](http://www.bobeagle.co.uk/drphysicsa.html) *Happy Revising!* That is all. | **Maths Revision** - [C1 2015](http://umutech.github.io/Maths/C1_May2015.pdf) - [M1 2015](http://umutech.github.io/Maths/M1_June2015.pdf) - C2 2015 [Coming next week....]  - FP1 2015 [Coming Soon] - S1 2015 [Coming Soon] - S2 2015 [Coming Soon]  **Applications:**   * [Paper Randomizer](http://umutech.github.io/Downloads/rand12/pprand.exe) * UMS Calculator *(OCR MEI)* ***[Under Development]***     [Grade Boundaries for OCR MEI](http://vle.woodhouse.ac.uk/topicdocs/maths/grade/boundary.html)    Last updated: 21*/04/16 19:10:43*  C:\Users\Umut Ekinci\Documents\GitHub\umutech.github.io\Home_Img.jpg |

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| **Mathematics Videos from FMSP:**  Further Pure 1   * [**Complex Numbers**](https://www.youtube.com/watch?v=XyOY6FQBkUY) * [**Curve sketching and inequalities**](https://www.youtube.com/watch?v=y_EPjYS2Huk) * [**Matrices**](https://www.youtube.com/watch?v=Z8U8yNCmQk8) * [**Proof and algebra**](https://www.youtube.com/watch?v=DJ_KVH_RdNg) * [**Proof and series**](https://www.youtube.com/watch?v=Q-o_wwdPH4g)   Mechanics 1   * [**Forces**](http://youtu.be/0-sroGXdtWE) * [**Kinematics**](http://youtu.be/SECx56LyPzA) * [**Newton's Laws of Motion**](http://youtu.be/6TP86nX-QZk) * [**Projectiles**](http://youtu.be/OsPE91uUc_s) * [**Vectors**](http://youtu.be/SZ0yGtvkC4Q)   Statistics 1   * [**Binomial distribution**](https://www.youtube.com/watch?v=5HxTu9hHOf8) * [**Data presentation**](https://www.youtube.com/watch?v=HYItWpyoLTQ) * [**Hypothesis testing**](https://www.youtube.com/watch?v=75NZTsKtTGU) * [**Probability and discrete random variables**](https://www.youtube.com/watch?v=1Urntrh2dmY)   Statistics 2   * [**Chi-squared**](http://youtu.be/Ydm0jJ4Ppx8) * [**Correlation**](http://youtu.be/HFzzerSKwGw) * [**Normal distribution**](http://youtu.be/QHn2XzT2dss) * [**Poisson**](http://youtu.be/AWPiJ1qSx5A) * [**Regression**](http://youtu.be/wGNY3Ugrnhk) | **Tutorials:**  *Mechanics 1*   * [Using Vectors with SUVAT [M1]](http://umutech.github.io/Maths/Jan_2013_Vectors&SUVAT.pdf) * [June 2014 M1, Section A Walkthrough and Guided Solutions](http://umutech.github.io/Maths/SectionA-June2014M1.pdf)   ***Loads more OCR MEI Mechanics will come in the next week…****hopefully!*  *C2:*   * [Bearing Question with Trig *(June 2006, 10i & ii)*](file:///C:\Users\Umut%20Ekinci\Documents\UmuTech%20Website\Revision\Maths\June06_10i&ii.pdf) * [Tricky Log – Graph Question *(Jan 2005, 11ii & iii)*](file:///C:\Users\Umut%20Ekinci\Documents\UmuTech%20Website\Revision\Maths\June05_11ii&iii.pdf) |

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