



Subject		Physics	
Title/Topic	Format	Length	WC
Paper 1	Written paper	1 hour 45 minutes	Tuesday 3 January 12.40pm – 2.25pm
Paper 2	Written paper	1 hour 45 minutes	Friday 6 January 12.40pm – 2.25pm
Paper 3	Written paper	2 hours 30 minutes	Tuesday 10 January 9.15am – 11.45am

My Advent assessment will test my knowledge on...

Paper 1 – 9PH0/01

- Topic 8 / PRO Particle interactions (135 – 143)
- Topic 3 / SPC Resistivity and circuit principles (37 – 43)
- Topic 6 / PRO Conservation of momentum and circular motion (97 – 107)
- Topic 2 / HFS Work done, energy and power (17 – 30)
- Topic 2 / HFS Graphical representation of motion (9 – 11)
- Topic 7 / TRA Magnetic fields and Faraday's law (121 – 128)
- Topic 8 / PRO Particle accelerators (132 – 133)

Paper 2 – 9PH0/02

- Topic 11 / STA Radioactive decay (168 – 173)
- Topic 5 / MUS & SPC Photoelectric effect and spectra (91 – 96)
- Topic 13 / BLD Superposition of waves in strings (59 – 68)
- Topic 5 / MUS Lenses (75 – 80)
- Topic 5 / SUR Simple harmonic motion (182 – 185)
- Topic 10 / STA Doppler Effect (161 – 162)

Paper 3 – 9PH0/03

- Topic 1 / WAP Graphical analysis of data (1 – 8)
- Topic 1 / WAP Experimental error and uncertainty (1 – 8)
- Topic 11 / STA Radioactive decay (168 – 173)
- Topic 5 / MUS Superposition of waves (inc. Core Practical 6) (59 – 68)
- Topic 2 / HFS Conservation of energy and conservation of momentum (21 – 28)
- Topic 3 / DIG The potential divider (42 – 43)
- Topic 3 / SPC Series and parallel circuits (33 – 36)
- Topic 13 / BLD Simple harmonic motion (182 – 185)



What should I do to revise and prepare for this assessment?

To prepare for this assessment:

1. Use your textbook and do look/cover/write/check to learn key knowledge.
2. Use your revision guide.
3. Make flash cards for key knowledge and definitions.

Use the websites given below

What useful websites/resources could I use to help me prepare?

Specification:

<https://qualifications.pearson.com/content/dam/pdf/A%20Level/Physics/2015/Specification%20and%20sample%20assessments/PearsonEdexcel-AS-Physics-Spec.pdf>

Seneca learning

<https://senecalearning.com/en-GB/>

A level physics online:

<https://www.alevelphysicsonline.com/edexcel>

Isaac physics:

<https://isaacphysics.org/>

YouTube:

https://www.youtube.com/results?search_query=edexcel+a+level+physics

Flipped around physics:

<https://www.flippedaroundphysics.com/a-level.html>

Physics and Maths tutor:

<https://www.physicsandmathstutor.com/physics-revision/a-level-edexcel/>

Revisely:

<https://www.revisely.co.uk/alevel/physics/edexcel/>

Physicsnet:

<http://physicsnet.co.uk/a-level-physics-as-a2/>

Your revision guide – use the revision guide suggested to you by your teacher.