

COMBINED SCIENCE PAPER 1 – REVISION TOPICS

Biology	Chemistry	Physics
<p>Cell structure and function of organelles</p> <p>REVISION PACK TOPIC: Cells & Microscopes</p>	<p>Properties of simple covalent substances</p> <p>REVISION PACK TOPIC: Molecular compounds</p>	<p>Using speed/time graphs</p> <p>REVISION PACK TOPIC: Motion Graphs</p>
<p>Transport of substances - diffusion</p> <p>REVISION PACK TOPIC: Transport</p>	<p>Dot & Cross diagrams</p> <p>REVISION PACK TOPIC: Bonding models</p>	<p>Using $f=ma$ formula</p> <p>REVISION PACK TOPIC: Newton's Laws of Motion</p>
<p>Differences/similarities between mitosis and meiosis</p> <p>REVISION PACK TOPIC: Mitosis and Meiosis</p>	<p>Ions - formation</p> <p>REVISION PACK TOPIC: Ionic bonding</p>	<p>Renewable/non-renewable energy sources</p> <p>REVISION PACK TOPIC: Energy Resources</p>
<p>Punnett squares - Genetic Cross Diagrams</p> <p>REVISION PACK TOPIC: Inheritance</p>	<p>Arrangement of elements in the periodic table</p> <p>REVISION PACK TOPIC: Periodic Table</p>	<p>Calculating wave speed</p> <p>REVISION PACK TOPIC: Wave speed</p>
<p>Stone tools as evidence for human evolution (6 mark question)</p> <p>REVISION PACK TOPIC: Evolution</p>	<p>Isotopes</p> <p>REVISION PACK TOPIC: Atomic mass & Isotopes</p>	<p>Uses of EM spectrum</p> <p>REVISION PACK TOPIC: Electromagnetic spectrum</p>
<p>Transmission/cause of chlamydia</p> <p>REVISION PACK TOPIC: Health & Disease</p>	<p>Making a salt</p> <p>REVISION PACK TOPIC: Acids & Bases</p>	<p>Radioactive isotopes - dangers</p> <p>REVISION PACK TOPIC: Dangers of radioactivity</p>
	<p>Mixtures - identification/definition</p> <p>REVISION PACK TOPIC: Separation & Purifying</p>	<p>Beta and gamma radiation - Dangers, uses of both and properties of beta.</p> <p>REVISION PACK TOPIC: Types of radiation & dangers of radioactivity</p>

COMBINED SCIENC PAPER 2 – REVISION TOPICS

Biology	Chemistry	Physics
Magnification on microscopes REVISION PACK TOPIC: Cells & Microscopes	Calculating relative atomic mass from abundance of isotopes REVISION PACK TOPIC: Atomic mass & isotopes	Calculating deceleration using formula $v^2 - u^2 = 2ax$ REVISION PACK TOPIC: acceleration
Enzyme action - specificity REVISION PACK TOPIC: Enzymes	Predicting electron configuration from position in periodic table REVISION PACK TOPIC: Atomic structure & periodic table	Calculating momentum REVISION PACK TOPIC: Momentum
Using standard form REVISION PACK TOPIC: Standard form	Calculating empirical formula REVISION PACK TOPIC: Empirical formula	Using data from a graph to support a conclusion
Importance of myelination in neurones REVISION PACK TOPIC: Nervous system	Drawing dot and cross diagrams for a covalent substance REVISION PACK TOPIC: Covalent bonding & bonding models	Path of light as it enters and leaves glass block (6 mark question) REVISION PACK TOPIC: Refraction & Reflection
Structure of DNA REVISION PACK TOPIC: DNA	Calculating moles in a solution REVISION PACK TOPIC: Moles	Beta decay REVISION PACK TOPIC: Radioactive decay
Converting to nanometres REVISION PACK TOPIC: Unit conversions	Electrolysis and half equations REVISION PACK TOPIC: Electrolysis	Calculating half-life from a decay curve graph REVISION PACK TOPIC: Half life
Non communicable diseases REVISION PACK TOPIC: Health & Disease	Extractions of metals from ores and phytoextraction of copper REVISION PACK TOPIC: Extracting and using metals	
Genetic modification of bacteria REVISION PACK TOPIC: Genetic Engineering		
Testing new medicines REVISION PACK TOPIC: Antibiotics		

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