

Biology Paper 1(Week of 19th April)

Cell structure (plants) Revision pack topic: Cells and Microscopes	Mutations Revision pack topic: Advanced Genetics
Microscopes (making and viewing slides) Revision pack topic: Cells and Microscopes	Sex linked genetic disorders Revision pack topic: Advanced Genetics
Plant growth Revision pack topic: Growth	Communicable diseases Revision pack topic: Health & Disease
Structure of a neuron Synaptic transmission (6 mark) Revision pack topic: Nervous System	Cardiovascular disease - treatments Revision pack topic: Cardiovascular Diseases
Shortsightedness Revision pack topic: The Eye	Specific Immune system Revision pack topic: The Immune System
	Viruses (lytic pathway) Revision pack topic: Viruses

Chemistry Paper 1 (Week of 19th April)

Separation techniques (salt from rock salt) Revision pack topic: Separation and purifying	Alloys Revision pack topic: Alloys and Corrosion
Chromatography Revision pack topic: Separation and purifying	Calculation of pH Revision pack topic: Acids and Bases
Calculations: relative atomic mass, empirical formula and use of Avogadro's number Revision pack topic: Formula mass, Empirical formula, Moles, Atomic Mass and Isotopes	Haber process and fertilisers Revision pack topic: Haber Process
Calculations with gas volumes Revision pack topic: Molar volumes	Fuel cells (6 mark) Revision pack topic: Chemical Cells and Fuel Cells
Exothermic and endothermic reactions Revision pack topic:	

Physics Paper 1 (Week of 19th April)

Energy transfers including GPE/KE and efficiency calculations Revision pack topic: Energy stores and transfers	Wave speed calculations Revision pack topic: Wave speed +
Calculation of speed Revision pack topic: Motion graphs	Refraction of waves Revision pack topic: Reflection and Refraction
Nuclear fission and fusion Revision pack topic: Nuclear fission and fusion	Nuclear power (6 mark) Revision pack topic: Nuclear fission and fusion
Life cycle of a star Revision pack topic: Star Lifecycles	What earthquakes tell us about the structure of the Earth Revision pack topic: Sound +

Biology Paper 2 (Week of 24th May)

<p>Indicator species and eutrophication</p> <p>Revision pack topic: Ecosystems</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zp2cmsg/revision/6">https://www.bbc.co.uk/bitesize/guides/zp2cmsg/revision/6</a></p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zw4n97h/revision/6">https://www.bbc.co.uk/bitesize/guides/zw4n97h/revision/6</a></p>	<p>Enzyme action</p> <p>Revision pack topic: Enzymes</p>
<p>Plant/leaf structure</p> <p>Transport in plants</p> <p>Revision pack topic: Photosynthesis and translocation</p>	<p>Food tests</p> <p>Revision pack topic: Food tests and calorimetry</p>
<p>Kidneys (6 mark question)</p> <p>Revision pack topic: The Kidney</p>	<p>Food security</p> <p><a href="https://www.bbc.co.uk/bitesize/guides/zt2cmsg/revision/1">https://www.bbc.co.uk/bitesize/guides/zt2cmsg/revision/1</a></p>
<p>Heart rate and exercise</p> <p>Cardiac output</p> <p>Revision pack topic: Respiration and The Heart</p>	

Chemistry Paper 2 (Week of 24th May)

Atomic structure Revision pack topic: Atomic structure	Calculation of concentrations Revision pack topic: Concentration of Solutions
Ion tests Revision pack topic: Ion tests	Combustion of hydrocarbons including pollution Revision pack topic: Hydrocarbon Fuels
Calculations: Nanoparticles Revision pack topic: Nanoparticles	Bond energy calculations <a href="https://www.bbc.co.uk/bitesize/guides/zg87b82/revision/4">https://www.bbc.co.uk/bitesize/guides/zg87b82/revision/4</a>
Polymers and plastics Revision pack topic: Polymers	
Tests for alkanes/alkenes Revision pack topic: Hydrocarbon fuels	
Group 1 metals Revision pack topic: Group 1 –The Alkali Metals	

Physics Paper 2 (Week of 24th May)

Moments Revision pack topic: Moments +	Components in circuits Revision pack topic: Electric Circuits
Density Revision pack topic: Density	Resistance in circuits Revision pack topic: Resistance
Specific heat capacity Revision pack topic: Specific Heat Capacity	Power in circuits Revision pack topic: Electrical Power
Static electricity Revision pack topic: Static Electricity	Pressure and upthrust (6 mark) Revision pack topic: Fluid Pressure +