

## Paper 1 Required Practicals

Topic	Required pracs		Triple required pracs
<b>B1 Exam:</b>			
B1 Cell Biology	Microscopy	Osmosis	Microbiology
B2 Organisation	Food Tests	Enzymes	
B3 Infection and Response			
B4 Bioenergetics	Photosynthesis		

<b>C1 Exam:</b>			
C1 Atomic Structure and Bonding			
C2 Bonding, structure and properties			
C3 Quantitative chemistry			
C4 Chemical changes	Making salts	Electrolysis	Neutralisation
C5 Energy changes	Temp changes		

<b>P1 Exam:</b>			
P1 Energy	SHC		Insulation
P2 Electricity	Resistance	I-V	
P3 Particle model	Density		
P4 Atomic Structure			

## Paper 2 Required Practicals

Topic	Required pracs		Triple required pracs
<b>B2 Exam:</b>			
B5 Homeostasis and response	Reaction Time		
B6 Inheritance, variation and evolution			
B7 Ecology	Fieldwork		Germination
			Decay
<b>C2 Exam:</b>			
C6 Rate and extent of chemical change	Rates		
C7 Organic chemistry			
C8 Chemical analysis	Chromatography		Ion tests
C9 Chemistry of the atmosphere			
C10 Using resources	Water purification		
<b>P2 Exam:</b>			
P5 Forces	Hooke's Law	Acceleration	
P6 Waves	Waves	Radiation	Reflection/Refraction
P7 Magnetism and electromagnetism			