

Combined Science (F) revision topics – Spring 2021 Exams

WB 10th May: C2, Core Practical skills paper (All 50 mins papers)

<u>Chemistry (C2 Paper)</u>	<u>Core practical skills</u>
<p>C1 – Fundamental principles</p> <ul style="list-style-type: none">• Structure of the atom• Word equations• Covalent bonding• Conservation of matter• States of matter <p>C6 – Groups in the periodic table</p> <ul style="list-style-type: none">• Trends in group 7• Reactivity of group 1 vs group 7 elements <p>C7 – Rates of reaction</p> <ul style="list-style-type: none">• Factors affecting the rate of reaction• Planning a practical to measure the rate (extended response) <p>C8 – Fuels & Earth Sciences</p> <ul style="list-style-type: none">• Complete and incomplete combustion & pollution problems (Extended response)• Early atmosphere and changes• Fractions of crude oil & identifying products of cracking	<p>Biology practicals:</p> <ul style="list-style-type: none">- Factors affecting enzyme rates- Osmosis <p>Chemistry practicals:</p> <ul style="list-style-type: none">- Planning a rate of reaction practical- Factors affecting the rate of reaction & energy changes <p>Physics practicals:</p> <ul style="list-style-type: none">- Reaction time- Efficiency & kinetic energy <p>Remember your general practical skills include:</p> <ul style="list-style-type: none">• Identifying variables• Methods• Improving accuracy of results• Drawing, describing, explaining and making predictions for graphs• Calculations using formula