Check equations for balancing errors after writing them. Remember that any charges should also be balanced.

Curly arrows start from a bond, charge, or lone pair. If they can’t be traced back to one of these they’ll lose the mark.

CIP rules for naming alkenes are based on atomic numbers of substituents, not their molecular or atomic masses.

All structures should show correct connectivity (the correct bonds to the correct atoms in the structure).

Make sure state symbols in equations are clear. Some wrote lower case ‘s’ similarly to ‘g’, making it indistinguishable.

Square brackets indicate a concentration and shouldn’t be used in $K_p$ expressions.

Down the group, oxidising power of the halogens decreases but reducing power of the halide ions increases.

The overall equation is shown below.

\[ 2O_3 \rightarrow 3O_2 \quad \Delta H = -284 \text{ kJ mol}^{-1} \]

Be aware that given enthalpy changes relate to the molar quantities shown in the equation provided.

When carrying out a titration, be aware that a larger titre value will have a lower associated percentage error.

When asked to provide a formula, read the question carefully and ensure you give the type of formula it asks for.

When giving $E$ values for electrochemical cells ensure that you put $a + \text{ or } - \text{ in front of the value given as appropriate.}$

You may use a diagram in your answer.

Avoid confusion between intermolecular bonds (between molecules) and intramolecular bonds (within molecules).

Converting between percentages and parts per million (ppm) is a required skill for the Chemistry B specification.

Reactions with more moles of gas in the products than the reactants will have a positive entropy change.

Values for activation energy ($E_a$) are typically positive, so negative values can be ruled out as a possibility.
Make sure hair is tied back. ✗
Make sure bags are under desks. ✗

When a question asks for safety precautions, a response beyond normal safe lab practice is usually expected.

Describing a synthesis with equations along with words where possible is a good strategy to avoid writing lots of text.

Graphs and chemical structures should be drawn in pencil – these will be picked up when the exam paper is scanned.

Cross out answers if you need to change them. Trying to correct an answer by writing over it can make it unclear.

Lines of best fit can be straight or curved. They don’t have to extend to the axes or origin if not appropriate.

Lines of best fit should cover all points and have a fair distribution of points above and below the line.

Make sure you give answers to the number of significant figures in the question after performing calculations.

Give your answer to two significant figures.

Answer: ................

Accuracy is a measure of how close a result is to the true value.

You need to be able to convert results between decimal form and standard form (e.g. a × 10ⁿ).

The full candidate exemplar materials for the 2019 Chemistry A Level papers can be found on Interchange.

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