

CHEMISTRY

WACE examination design brief stage 2

Exam paper sections	Supporting information
SECTION ONE <ul style="list-style-type: none"> 50 minutes <p>Multiple choice questions Weighting 25%</p>	<p>Candidates will be asked to choose one of four alternatives for each of the twenty five questions in this section.</p> <p>It is intended that there be minimal reading requirements for this section of the paper, unless a significant number of questions can be based on stimulus material.</p>
SECTION TWO <ul style="list-style-type: none"> 130 minutes <p>Weighting 75%</p> <p>[Short response 35% Extended response 40%]</p>	<p>Short and extended response items will be organised around the unit focuses “Chemistry in and around the home” and “Chemistry and the environment”, where possible. Questions could be based on common scenarios and actual applications of chemistry. These questions will be a combination of short answer, longer answers and/or text analysis/comprehension.</p> <p>This section may include stimulus material in the form of:</p> <ul style="list-style-type: none"> technical passages or experimental data historical documents visual forms (e.g. pictures, diagrams, graphs and charts). <p>In stage 2 questions will be scaffolded and there will be a greater emphasis on recall and less on synthesis.</p> <p>Short response items could require descriptive answers, calculations, diagrams, tables, graphs, flowcharts or concept maps.</p> <p>Extended response items could require a page length answer, multi-step calculations, flowcharts or concept maps.</p> <p>Stimulus material will provide the scenarios for short or extended response text analysis/comprehension items.</p> <p>Additional information about scenarios will be provided as students progress through the questions.</p>

OTHER CONSIDERATIONS

The paper will be for students who have completed 2A/2B only. The examination paper will be presented as a combined question/answer booklet.

Instructions to candidates will indicate that unless otherwise specified, any mode of response that clearly communicates their understanding is acceptable.

CONSTRAINTS/RESOURCING IMPLICATIONS

Clearance for copyright may be required. Future papers may require colour printing to be used to show chemical change, corrosion, diagrams or maps of mine sites etc.

EXAMINATION LENGTH

The total examination length is 3 hours and 10 minutes. This comprises a written paper of 3 hours working time and 10 minutes reading/planning time.

PERMISSIBLE MATERIALS

The general materials permitted for use in the WACE examination are: pens, pencils, eraser or correction fluid, ruler, highlighter.

The special materials permitted for use in the WACE examination are: approved non-programmable (not graphics or computer algebra system) calculators and a Chemistry data sheet.

CHEMISTRY

WACE examination design brief stage 3

Exam paper sections	Supporting Information
<p>SECTION ONE</p> <ul style="list-style-type: none"> • 50 minutes <p>Multiple choice questions Weighting 25%</p>	<p>Candidates will be asked to choose one of four alternatives for each of the twenty five questions in this section.</p> <p>It is intended that there be minimal reading requirements for this section of the paper, unless a significant number of questions can be based around stimulus material.</p>
<p>SECTION TWO</p> <ul style="list-style-type: none"> • 130 minutes <p>Weighting 75%</p> <p>[Short response 35% Extended response 40%]</p>	<p>Short and extended response items will be organised around the unit focuses “Chemical processes” and “Chemistry and modern lifestyles”, where possible. Questions could be based on common scenarios and actual applications of chemistry. These questions will be a combination of short answer, longer answers and/or text analysis/comprehension. In this section there is an increased emphasis on questions that require an extended response.</p> <p>This section may include stimulus material in the form of:</p> <ul style="list-style-type: none"> • technical passages or experimental data • historical documents • visual forms (e.g. pictures, diagrams, graphs and charts). <p>Stage 3 questions will have a range of scaffolding.</p> <p>Short response items could require descriptive answers, calculations, diagrams, tables, graphs, flowcharts or concept maps.</p> <p>In stage 3 students will be expected to be able to extract and synthesise information from stimulus material. Extended response items could require a page length answer, multi-step calculations, flowcharts or concept maps.</p> <p>Stimulus material will provide the scenarios for short or extended response text analysis/comprehension items.</p> <p>Additional information about scenarios will be provided as students progress through the questions.</p>

OTHER CONSIDERATIONS

The paper will be for students who have completed 3A/3B only. The examination paper will be presented as a combined question/answer booklet

Instructions to candidates will indicate that unless otherwise specified, any mode of response that clearly communicates their understanding is acceptable.

CONSTRAINTS/RESOURCING IMPLICATIONS

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EXAMINATION LENGTH

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PERMISSIBLE MATERIALS

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