TIME allowed for this paper
Reading time before commencing work: ten minutes
Working time: two and a half hours

TIME suggested for these sections
Suggested working time for these sections: sixty minutes

MATERIALS required/recommended for this paper
To be provided by the supervisor
This Question/Answer booklet

To be provided by the candidate
Standard items: pens (blue/black preferred), pencils (including coloured), sharpener, correction fluid/tape, eraser, ruler, highlighters
Special items: up to three calculators, which do not have the capacity to create or store programmes or text, are permitted in this ATAR course examination

Important note to candidates
No other items may be taken into the examination room. It is your responsibility to ensure that you do not have any unauthorised material. If you have any unauthorised material with you, hand it to the supervisor before reading any further.
Structure of the examination

The Materials Design and Technology ATAR course examination consists of a written component and a practical (portfolio) component.

Structure of this paper

<table>
<thead>
<tr>
<th>Section</th>
<th>Number of questions available</th>
<th>Number of questions to be answered</th>
<th>Suggested working time (minutes)</th>
<th>Marks available</th>
<th>Percentage of written examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section One Short answer</td>
<td>3</td>
<td>3</td>
<td>20</td>
<td>41</td>
<td>15</td>
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<tr>
<td>Section Two Extended answer</td>
<td>4</td>
<td>4</td>
<td>40</td>
<td>36</td>
<td>25</td>
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<tr>
<td>Section Three Candidates to choose one of the following contexts: Wood Metal Textiles</td>
<td>6</td>
<td>6</td>
<td>90</td>
<td>72</td>
<td>60</td>
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<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

Instructions to candidates

1. The rules for the conduct of the Western Australian external examinations are detailed in the Year 12 Information Handbook 2020: Part II Examinations. Sitting this examination implies that you agree to abide by these rules.

2. Write your answers in this Question/Answer booklet.

3. Answer the questions according to the following instructions.

   Sections One and Two: Answer all questions.

4. You must be careful to confine your answers to the specific questions asked and to follow any instructions that are specific to a particular question.

5. Supplementary pages for planning/continuing your answers to questions are provided at the end of this Question/Answer booklet. If you use these pages to continue an answer, indicate at the original answer where the answer is continued, i.e. give the page number.