Total time for the exam is 2 hours.

Section A - 20 marks, Section B - 30 marks, Section C - 50 marks

Section A- Core Theory         This will consist of core theory questions worth 20 marks in total.         Core Technical Principles         This will involve 9 multiple choice questions on the following areas:         Enterprise         Energy         Biodegradable materials         Characteristic of materials including timber and paper and board         Electronics and mechanisms         Carbon footprint         Section B- Specialist area: timber         This will consist of questions focusing on your specialist area: timber         This will consist of questions focusing on your specialist area: timber worth 30 marks in total.         Specialist Principles         The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas:         Lamination         Timber processes e.g. routering         Quality Control         Environment         Timbers         Section C: Designing and Making Principles         This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
Core Technical Principles This will involve 9 multiple choice questions on the following areas:  Enterprise Enterprise Characteristic of materials Characteristic of materials including timber and paper and board Electronics and mechanisms Carbon footprint <u>Section B- Specialist area: timber</u> This will consist of questions focusing on your specialist area: timber worth 30 marks in total.  Epecialist Principles Lamination Timber processes e.g. routering Quality Control Environment Timbers <u>Section C: Designing and Making Principles</u> This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
This will involve 9 multiple choice questions on the following areas: <ul> <li>Enterprise</li> <li>Energy</li> <li>Biodegradable materials</li> <li>Characteristic of materials including timber and paper and board</li> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> </ul> <li>Section B- Specialist area: timber <ul> <li>This will consist of questions focusing on your specialist area: timber worth 30 marks in total.</li> </ul> </li> <li>Eipecialist Principles <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> </li> <li>Section C: Designing and Making Principles</li>
<ul> <li>Enterprise</li> <li>Energy</li> <li>Biodegradable materials</li> <li>Characteristic of materials including timber and paper and board</li> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> </ul> Section B- Specialist area: timber This will consist of questions focusing on your specialist area: timber worth 30 marks in total. Specialist Principles The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
<ul> <li>Energy</li> <li>Biodegradable materials</li> <li>Characteristic of materials including timber and paper and board</li> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> </ul> Section B- Specialist area: timber This will consist of questions focusing on your specialist area: timber worth 30 marks in total. Specialist Principles The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following treas: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
<ul> <li>Biodegradable materials</li> <li>Characteristic of materials including timber and paper and board</li> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> </ul> Section B- Specialist area: timber This will consist of questions focusing on your specialist area: timber worth 30 marks in total. Sepecialist Principles The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
<ul> <li>Characteristic of materials including timber and paper and board</li> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> </ul> Section B- Specialist area: timber This will consist of questions focusing on your specialist area: timber worth 30 marks in total. Sepecialist Principles The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.
<ul> <li>Electronics and mechanisms</li> <li>Carbon footprint</li> <li>Section B- Specialist area: timber</li> <li>This will consist of questions focusing on your specialist area: timber worth 30 marks in total.</li> <li>Specialist Principles</li> <li>The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas:         <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> </li> <li>Section C: Designing and Making Principles</li> <li>This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.</li> </ul>
Carbon footprint     Section B- Specialist area: timber     'his will consist of questions focusing on your specialist area: timber worth 30 marks in total.     'pecialist Principles     'he questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following     irreas:
Section B- Specialist area: timber         This will consist of questions focusing on your specialist area: timber worth 30 marks in total.         Specialist Principles         The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following irreas: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> Section C: Designing and Making Principles           This will consist of questions focusing designing and making with your specialist area worth 50 marks in total.           Designing and Making Principles
his will consist of questions focusing on your specialist area: timber worth 30 marks in total. <b>Specialist Principles</b> The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following areas: Lamination Timber processes e.g. routering Quality Control Environment Timbers Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total. Designing and Making Principles
<ul> <li>Specialist Principles</li> <li>The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following princes: <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> </li> <li>Section C: Designing and Making Principles</li> </ul>
<ul> <li>The questions on this paper vary form 1 mark to 8 mark questions. Exam content in section B will cover the following ireas:         <ul> <li>Lamination</li> <li>Timber processes e.g. routering</li> <li>Quality Control</li> <li>Environment</li> <li>Timbers</li> </ul> </li> <li>Section C: Designing and Making Principles</li> <li>Designing and Making Principles</li> </ul>
Section C: Designing and Making Principles This will consist of questions focusing designing and making with your specialist area worth 50 marks in total. Designing and Making Principles
his will consist of questions focusing designing and making with your specialist area worth 50 marks in total. Designing and Making Principles
Designing and Making Principles
<ul> <li>The questions on this paper vary form 2 mark to 6 mark questions. Exam content in section C will cover the following ireas:</li> <li>Product Analysis</li> <li>Calculating tolerances and wastage</li> </ul>
<ul> <li>Calculating tolerances and wastage</li> <li>Specification</li> </ul>
<ul> <li>Specification</li> <li>Health and Safety</li> </ul>
<ul> <li>Freatmand Safety</li> <li>Surface Finishing</li> </ul>
<ul> <li>Surface Finishing</li> <li>CAD CAM</li> </ul>
<ul> <li>2D/3D Drawing</li> <li>Modelling and prototypes</li> </ul>

## **Other information**

We advise you to make good use of your time between now and the mock examination and, where necessary, ask you teacher for help

Please ensure that you review your class notes on each of the topic areas in your purple folders and that you make use of additional resources, e.g. Senaca to access exam papers and sample questions, Class Charts - relevant core theory and section B specialist area (timbers) theory revision resources will be available,

We will be using some lesson time to help you prepare, for example, looking at past paper questions and discuss the skills required in answering such questions. Teachers will continue to model answers and you will also have time to practise answering questions in class If you have any questions that you would like help with please do not hesitate to email us at:

e.dame@bishopchalloner.bham.sch.uk r.higginson@bishopchalloner.bham.sch.uk