INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- This paper contains two questions – you are to answer both questions.
- You are advised to spend 30 minutes on each question.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- You may use annotated sketches to support your written answer.
- Do not write in the barcodes.

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [ ] at the end of each question or part question.
- You should have the Workbook that you produced in sessions 1 and 2 to assist you during this paper.
- The total number of marks for this paper is 20.
- This document consists of 12 pages. Any blank pages are indicated.
Choosing a suitable level of production is an important factor for designers and manufacturers to consider to ensure a product's success.

Prepare a discussion that reflects on your product and considers the most suitable level of production.

You should include:

• Detail of the commercial viability and target market for your product.
• Suitable levels of production and methods of manufacture for your product.
• Any modifications you could make to your product to make these methods more suitable.

[10]
Ergonomics are important for any designer to consider when designing products.

Prepare a discussion that reflects on your product and considers its suitability for use by a range of users.

You should include:

- Details of the ergonomics that have been considered in the design of your product.
- Any modifications you could make to your product to improve its ergonomics.
- Details of any specific materials and manufacturing methods that would be used to improve the ergonomics of your product.
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ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

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