



General Certificate of Secondary Education
2015

Manufacturing
Paper 1
Assessment Unit 3
assessing
Manufacturing Technology
[GMA31]

MONDAY 12 JANUARY, AFTERNOON

Centre Number

71

Candidate Number



GMA31

TIME

1 hour.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.

Write your answers in the spaces provided in this question paper. Answer **all ten** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 80.

Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each part question.

For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
Total Marks	

Answer **all** questions

Examiner Only

Marks Remark

1 (a) All the products below belong to a manufacturing sector.

Circle **two** products shown below that belong to the printing and publishing sector.

You **must** only circle **two** products. If you make a mistake you must clearly show which two products you have chosen.



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[2]

(b) All the products below belong to a manufacturing sector.

Circle **two** products shown below that belong to the biological and chemical sector.

You **must** only circle **two** products. If you make a mistake you must clearly show which two products you have chosen.



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[2]

Examiner Only	
Marks	Remark

2 Answer all parts of this question.

Examiner Only

Marks Remark

Question	Answer
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(a) Name the tool shown below and state a use for it.



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Name _____

Use _____

[2]

(b) Name the components shown below and state a use for them.



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Name _____

Use _____

[2]

(c) Name the tool shown below and state a use for it.



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Name _____

Use _____

[2]

(d) Name the tool shown below and state a use for it.



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Name _____

Use _____

[2]

(e) Name the tool shown below and state a use for it.



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Name _____

Use _____

[2]

- 6 (a) The tool shown below can be used to hold two pieces of material together to help with nailing or gluing.



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- (i) Name this tool

_____ [1]

- (ii) Identify one **other specific task** that this tool could be used for other than the job mentioned above.

Task

_____ [1]

- (iii) When using this tool to hold two pieces of wood together, it is often necessary to use some scrap wood. Explain why this scrap wood might be required.

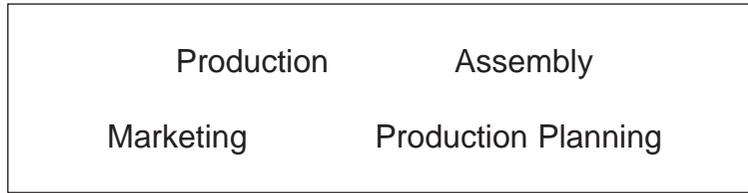
_____ [2]

Examiner Only

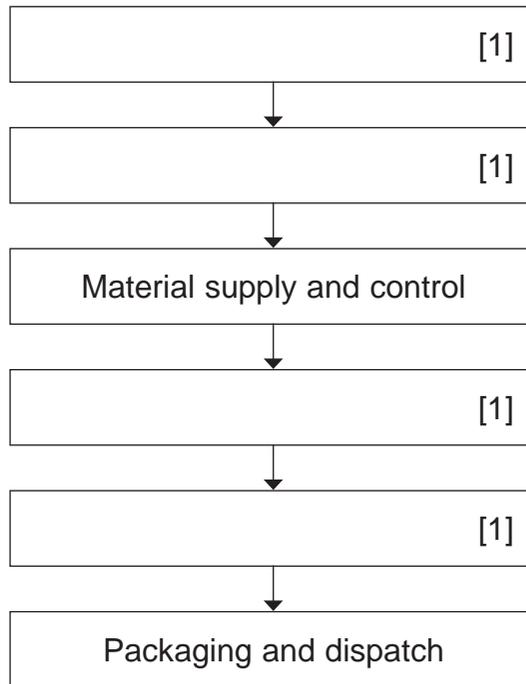
Marks Remark

- 7 (a) The following tasks related to the design process are **not** in the correct order.

Using the spaces provided, insert the following four tasks in the correct order.



Complete the correct sequence below.



Examiner Only	
Marks	Remark

THIS IS THE END OF THE QUESTION PAPER

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