

# Cambridge IGCSE<sup>®</sup>

	CANDIDATE NAME			
* 0 1 2 3 4 5 6 7 8 9 *	CENTRE NUMBER		CANDIDATE NUMBER	
	DESIGN & TECHNOLOGY			0445/05
	Paper 5 Graphic Products		For examination from 2020	
	SPECIMEN PAI	PER		1 hour
	You must answer on the two A3 pre-printed answer sheets.			
	You will need:	You will need: Two A3 pre-printed answer sheets (enclosed) Standard drawing equipment		

### INSTRUCTIONS

- Section A: answer **all** questions.
- Section B: answer **one** question.
- Use an HB pencil for any drawings and a black or dark blue pen for any writing.
- Write your name, centre number and candidate number in the boxes at the top of the page and on **both** pre-printed answer sheets.
- Answer in the space provided on the answer sheets.
- Do **not** use an erasable pen, staples, paper clips, glue or correction fluid.
- Do **not** write on any bar codes.
- You may use a calculator.
- You may use standard drawing equipment, including coloured pencils.
- You must show all construction and projection lines clearly where appropriate.
- At the end of the examination, insert both sheets into this booklet. Do **not** punch holes in the cover and sheets or tie with string.

# INFORMATION

- The total mark for this paper is 50.
- The number of marks for each question or part question is shown in brackets [].
- All dimensions are in millimetres.

This document has 4 pages. Blank pages are indicated.

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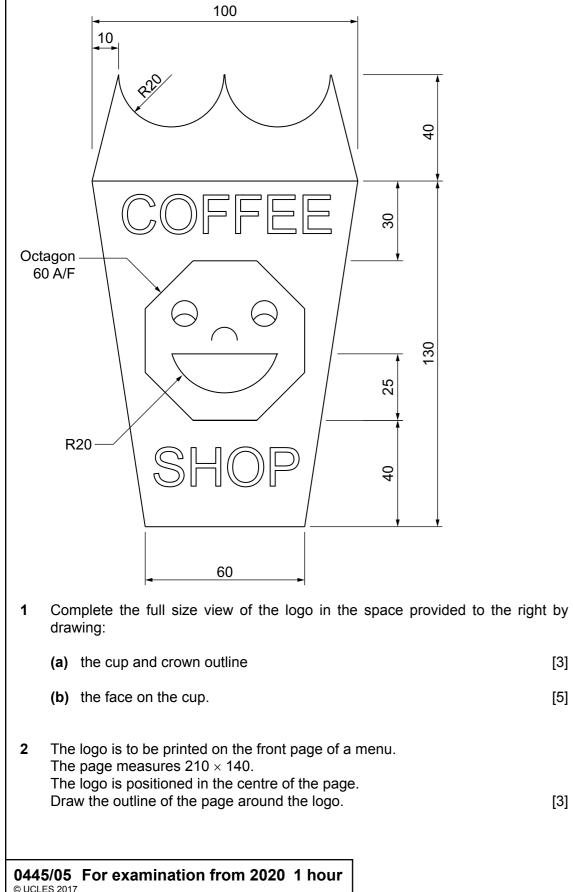
[Turn over

**BLANK PAGE** 

# Section A

Answer **all** questions in this section.

The logo design for a new coffee shop is shown below.



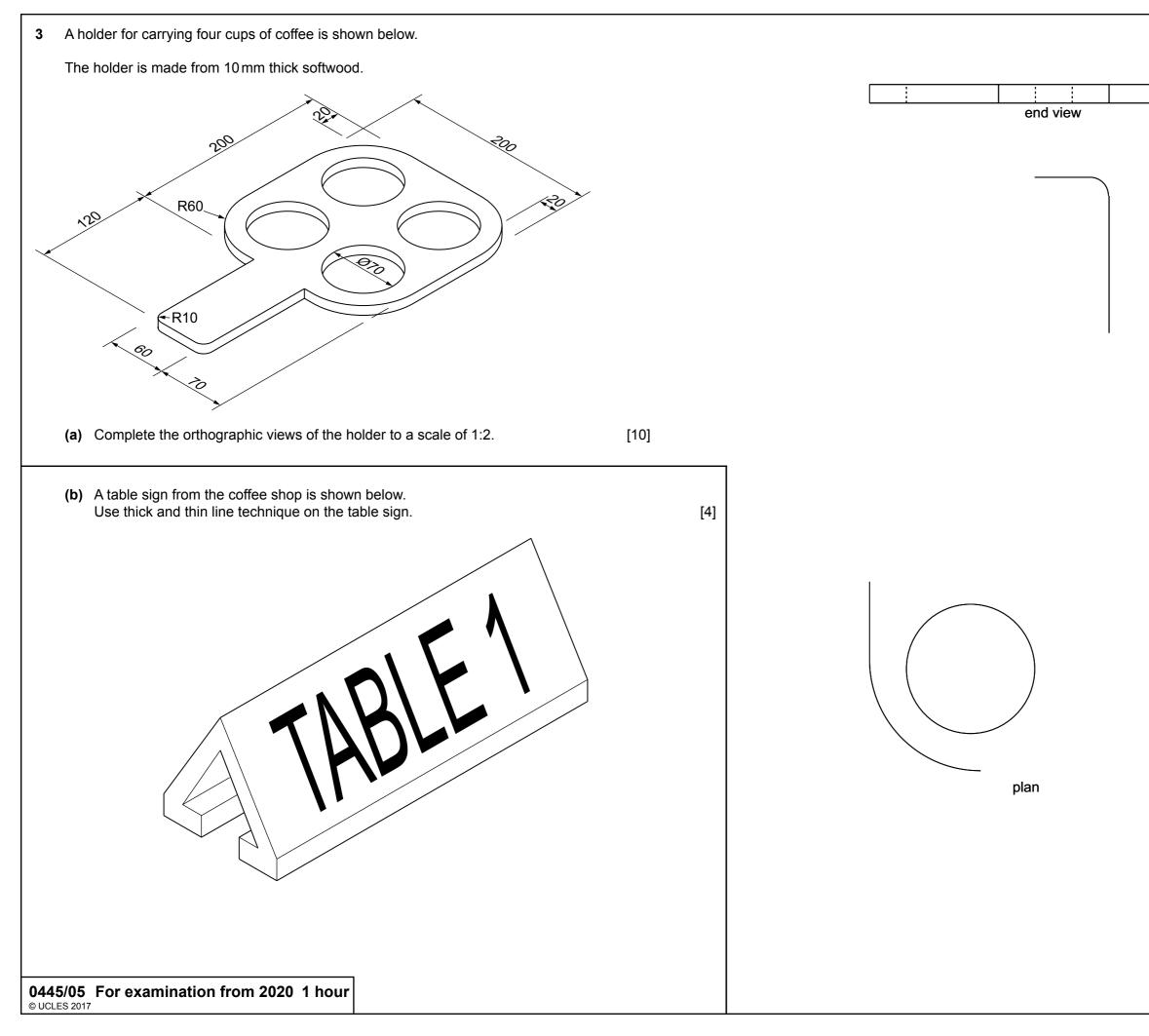


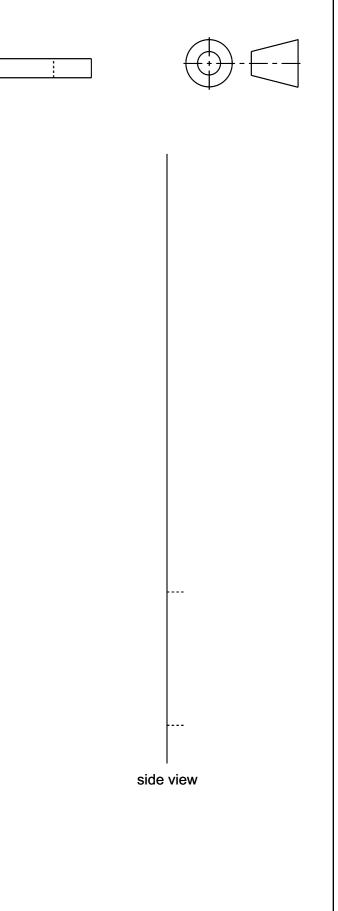
0445/05 For examination from 2020 1 hour © UCLES 2017		
Centre number	Candidate number	Candidate name

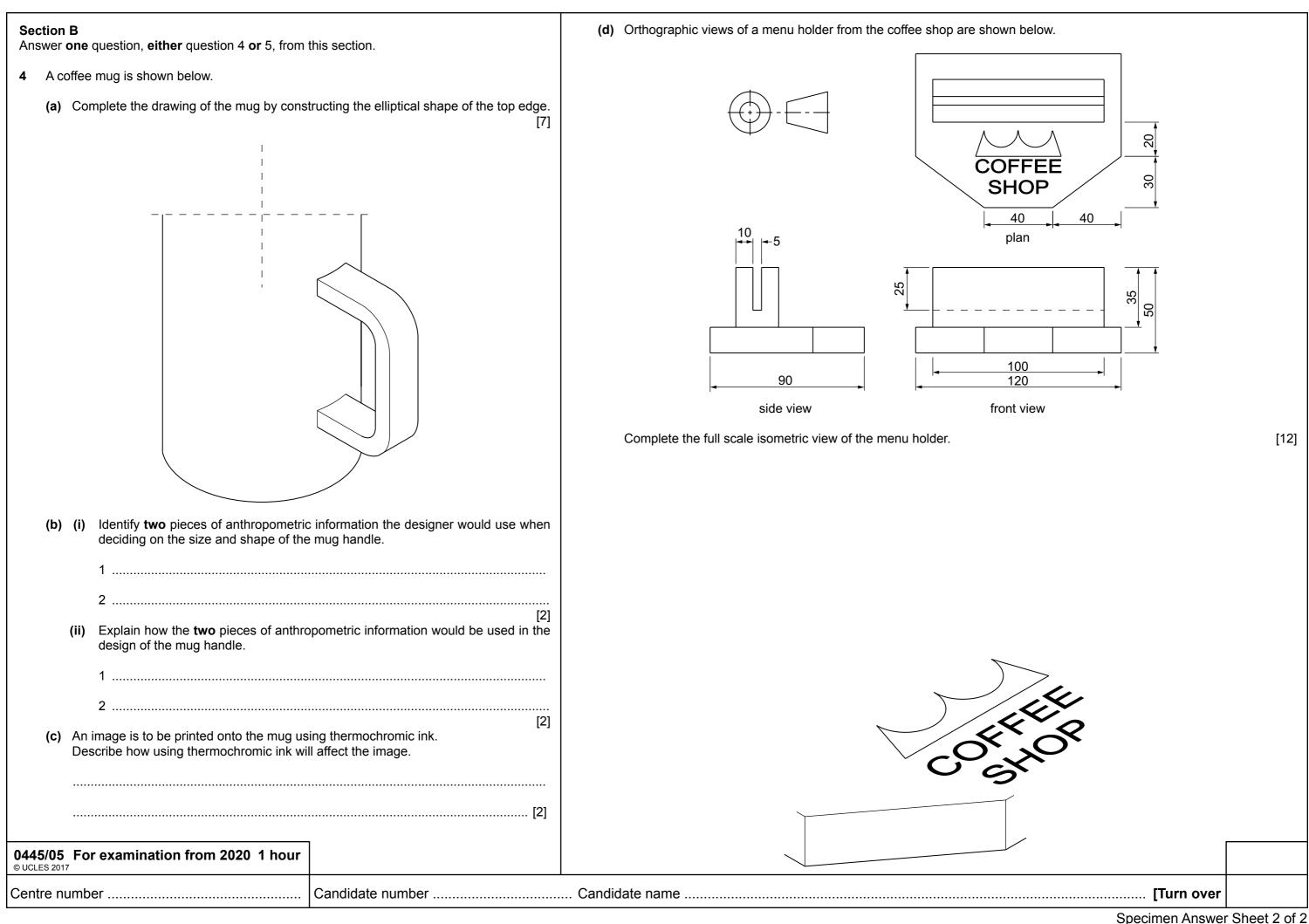
[3]

[5]

[3]

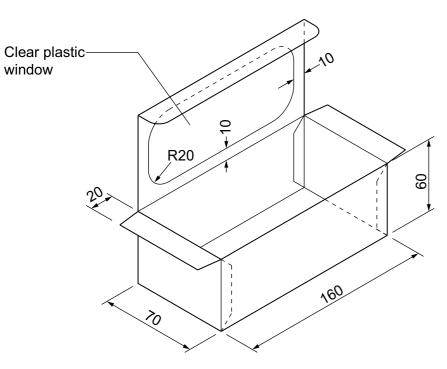








## **5** A package for biscuits is shown below.



- (a) Complete the scale 1:2 development (net) of the package for biscuits by drawing:
  - (i) the remaining surfaces and glue tabs for the development (net) [10]
  - (ii) the clear plastic window on the lid of the package. [4]
- (b) The cardboard developments (nets) are to be produced in different quantities. Complete the table below by giving a suitable tool/item of equipment for cutting out the developments (nets) in the quantities given.

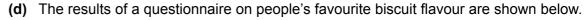
Quantities Tool/Item of equipment	
1	
40	
8000	

[3]

[2]

(c) The recycling symbol shown below is to be printed onto the package. State **two** reasons why symbols are used on packaging instead of written text.

		1 2			
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Biscuit Chocolate		Custard	Jam	Ginger
Number	425	150	275	300

In the space below draw a bar chart to show the results of the questionnaire. Use labels and colour to enhance the appearance of the chart.

[6]

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