		1				
(a)	Answer part (a) here. [4]	(c) Develop and sketch th	ree separate ideas.	[12]		
	4					
	1					
	2					
	3					
	4					
	Г	<del> </del>				
/I- \	Annual mant (le) leave [41]					
(D)	Answer part (b) here. [4]					
	_					
					contir	nued overleaf
						For Examiner's
			Answer sheet 1 of 2		Centre number	Use
			Write your centre number, candidate number and name in the spaces provided on this sheet and sheet 2.	umber, candidate number and name in the spaces		
	Cambridge ICCSE™			Candidate number		
Cambridge IGCSE <sup>™</sup>			Write the number o	Write the number of the question you have answered in the space provided.		
			there is no need to	provided for your answers on the two answer sheets so	Name	
	ESIGN & TECHNOLOGY	0445/12	unere is no need to	use otilei sileets.		
P	aper 1 Product Design	May/June 2022			Question number	
Д	nswer sheet 1 of 2					

part (c) continued.	(d) Evaluate your ideas.
	ldea 1
	ldea 2
	ldea 3
	Choose <b>one</b> idea to develop and justify your choice.
	Chosen idea
	Justification
	[8]

(e) Draw the full solution to the problem here. Include construction details and important dimensions.	[12]			
		I		Fan Fan minaria
Cambridge IGCSE <sup>™</sup>		Answer sheet 2 of 2. Write your centre number, candidate number and name in the spaces provided on this sheet and sheet 1. Write the number of the question you have answered in the space provided.	Centre number  Candidate number	For Examiner's Use
DESIGN & TECHNOLOGY Paper 1 Product Design	0445/12 May/June 2022	Sufficient space is provided for your answers on the two answer sheets so there is no need to use other sheets.	NameQuestion number	
Answer sheet 2 of 2	<u>,                                      </u>		Question number	

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(f) Answer part (f) here. [4]	There is no need to write or draw here unless you wish to continue part of a question. The question number(s) must be clearly shown.
1. Material	part of a quodion. The quodion namber (b) must be clearly shown.
Reason	
2. Material	
Reason	
(g) Answer part (g) here. [6]	