



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

	CANDIDATE			
	NAME			
	CENTRE NUMBER		CANDIDATE NUMBER	
	DESIGN AND TECHNOLOGY			0445/02
	Paper 2 Graphic Products			May/June 2007
				1 hour
	Candidates ans	Candidates answer on the two inserted Answer Sheets.		
Additional Materials: Standard drawing equipment				
	To be taken too	ogether with Paper 1 in one session of 2 hours and 15 minutes.		
	READ THESE I	NSTRUCTIONS FIRST		

Write your Centre number, candidate number and name in the spaces at the top of this page and the two Answer Sheets.

Do not use staples, paper clips, highlighters, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Section A

Answer all questions in this section (A1, A2 **and** A3).

Section B

Answer one question in this section (B4 or B5).

You may use a calculator.

Draw your answers in the spaces provided on the answer sheets.

All construction and projection lines must be clearly shown.

All dimensions are in millimetres.

At the end of the examination, insert both sheets into this booklet.

The total of the marks for this paper is 50.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of an A3 cover booklet and 2 inserted A3 sheets.



ISOMETRIC VIEW

www.PapaCambridge.com

A3 A clock tower for a children's theme park is drawn to a scale of 1:10 in the orthographic views to the right.

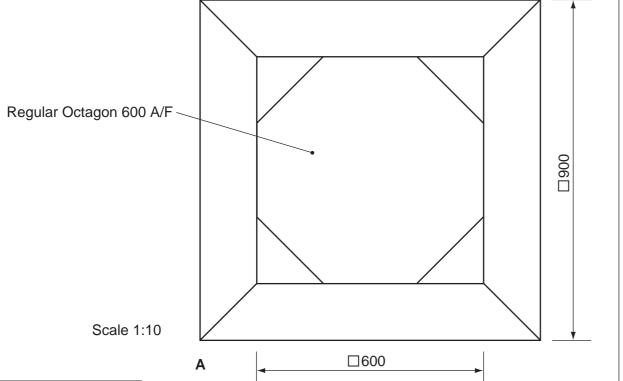
(a) Draw an isometric view of the clock tower in the space indicated. The drawing should be to the same scale and all sizes should be taken from the given orthographic views.

The clock face appears on one side only.

(b) Apply pencil shading to enhance your isometric drawing. [3]

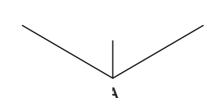
your [3]

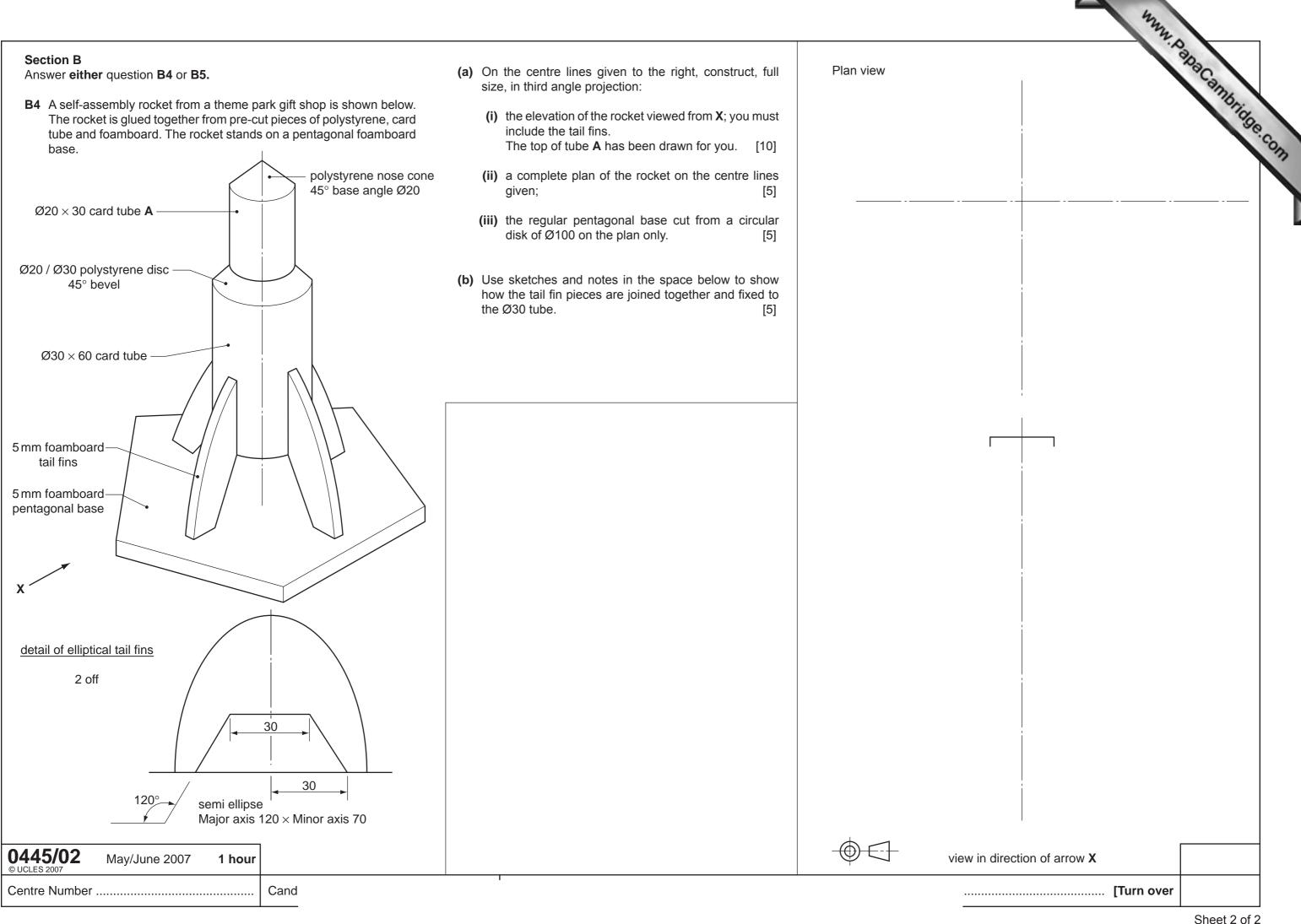
CLOCK FACE Ø400



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May/June 2007 1 hour





B5 The sketch below shows a promotional 'Desk Tidy' made from 2 mm thick card. The tidy has six equal sides and an inset top and base.

In the spaces indicated:

- (a) Draw to a scale of 1:2 in first angle orthographic projection, the Plan and an End View of the desk tidy. [10]
- (b) Construct, to the same scale a **one piece** development (net) of the promotional Desk Tidy. Include the top, base and all flaps. Ignore the thickness of the card. [15]

Answer (a) here

