A

#### WARNING

You must return this paper with your answerbook, otherwise marks will be lost.

**Examination Number** 

	An	Roin	n Oid	eac	haie
--	----	------	-------	-----	------

JUNIOR CERTIFICATE EXAMINATION

## **TECHNICAL GRAPHICS**

ORDINARY LEVEL

SAMPLE EXAMINATION PAPER

### TIME 2½ HOURS

### **Total Marks 400**

#### For examiners use only

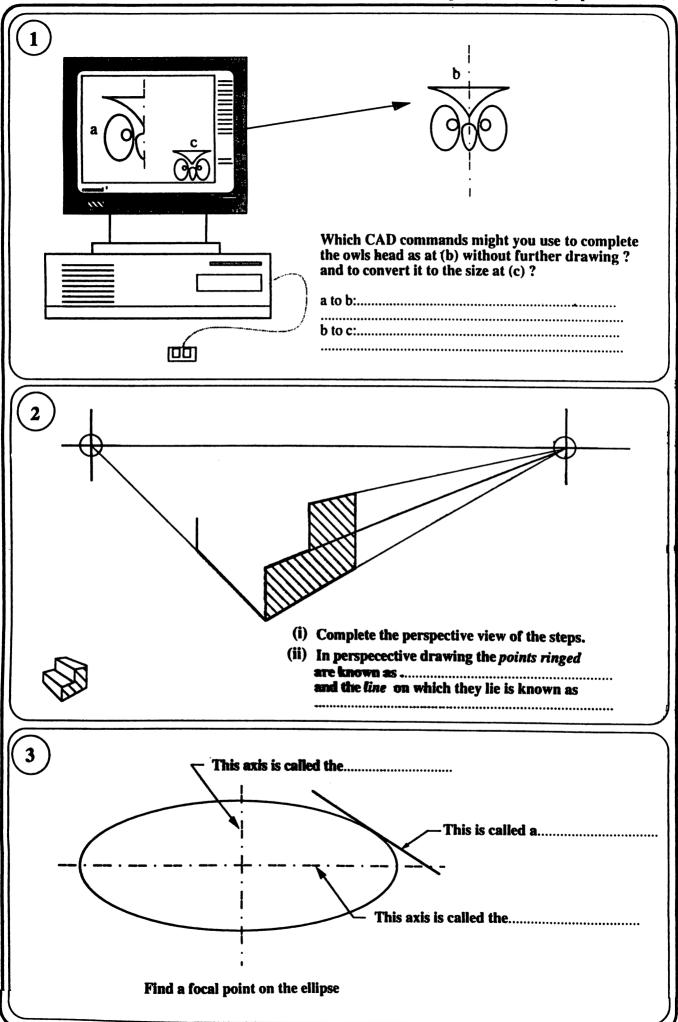
QUESTION	MARK
Section A (total)	
Section B 1	
2	
3	
4	
5	
6	
TOTAL -	

#### INSTRUCTIONS

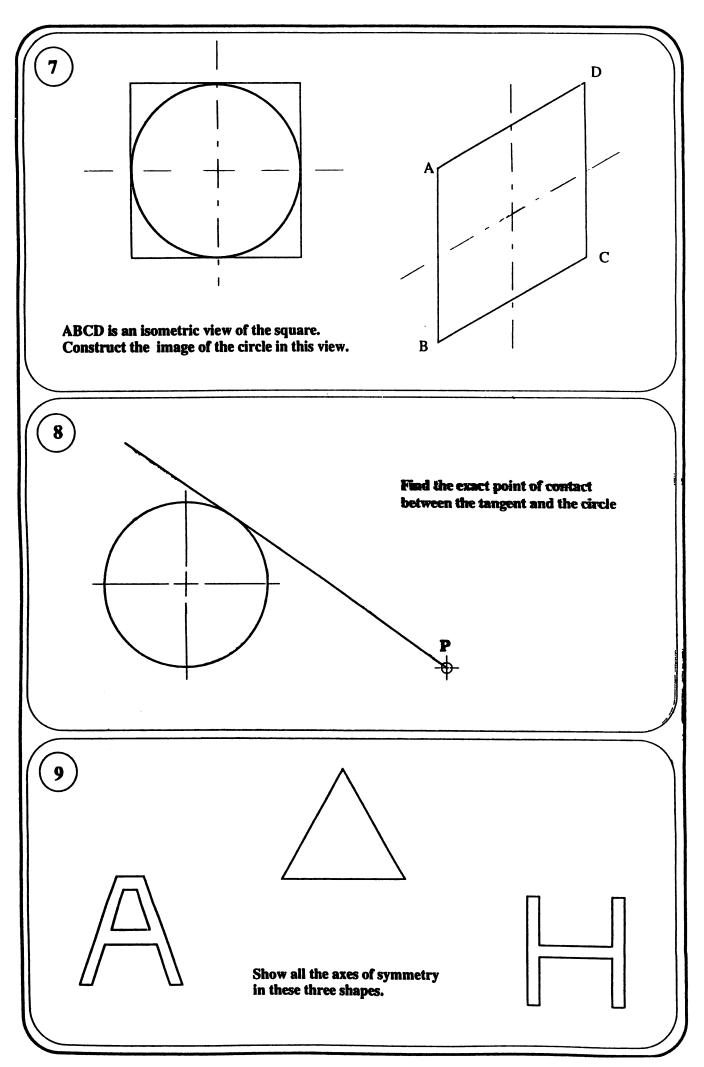
- 1. Answer <u>any twelve</u> of the short answer questions in Section A (120 marks)
  (all questions in this Section carry equal marks)
- 2. Answer the questions in the space provided showing all construction lines. (Sketches should be in pencil)
- 3. Hand up Section A (this Section) at the end of the examination.
- 4 Answer <u>any four</u> of the six <u>questions in Section B</u> (280 marks) (all questions in Section B carry equal marks)
- 5. Ensure you write your examination number on all the sheets you hand up.

Centre number

# SECTION A (ANSWER ANY TWELVE QUESTIONS - All questions carry equal marks)



The sketch shows the development of an open container. Make an isometric sketch of the assembled container in the grid. (5) (a) Draw a chord on the given circle.(b) Show how to find the centre of the circle. 6 Draw the front view 'F', the end view 'E' and a plan view on the grid provided.



The drawing shows the part plan of a dwelling house. Identify the symbols at a, b, c, and d and insert the symbol for a washhand basin in the position ringed.  King the symbol for a washhand basin in the position ringed.  King the symbol for a washhand basin in the position ringed.	b Utility c a
(a) (a) (a)	(b)  (b)  (b)  Shade the rectangle to represent a
Show the shadow cast by the pipe  Materials symbols	cylinder as (shown in the thumbsketch).
	sheet glass sawn wood (cross section)  In the boxes show the symbols for
Write the name of the above symbols	the above materials.

