A

WARNING:

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

Examination Number

An Roinn Oideachais

JUNIOR CERTIFICATE EXAMINATION

TECHNICAL GRAPHICS

HIGHER LEVEL

SAMPLE EXAMINATION PAPER

Time 3 Hours Total Marks 400

INSTRUCTIONS

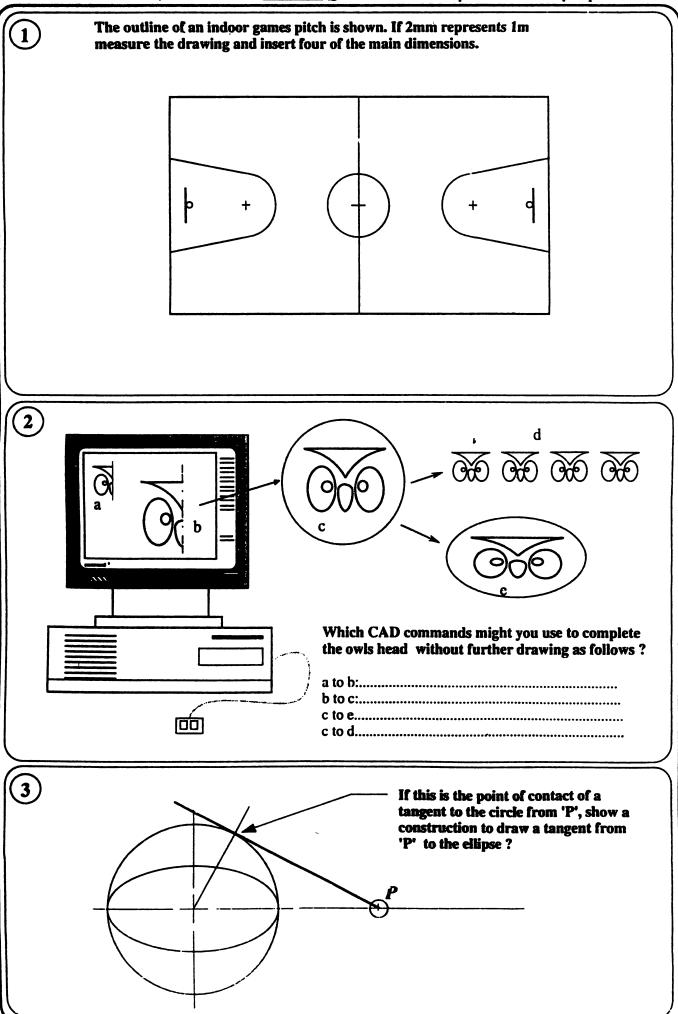
- 1. Answer <u>any twelve</u> of the short answer questions in Section A (120 marks)
 (all questions in this Section carry equal marks)
- 2. Answer the questions in the space provided. (Sketches should be in pencil)
- 3. Hand up Section A (this Section) at the end of the examination.
- 4 Answer <u>any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

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

For examiners use only

Centre number

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

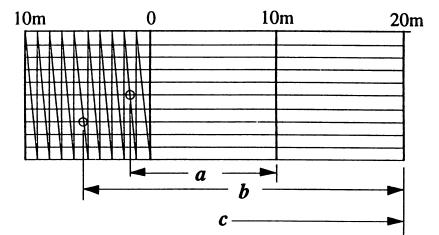


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(i) Write in the measurements for a and b.

a =

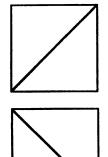
b =

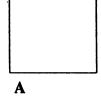


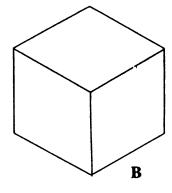
(ii) Finish the dimension line c to show 28.6m and circle the correct point on the scale.

(5)

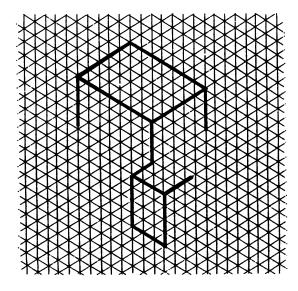
Complete the side view 'A' and sketch the pictorial in the box 'B'.

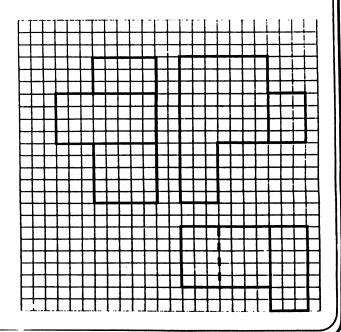


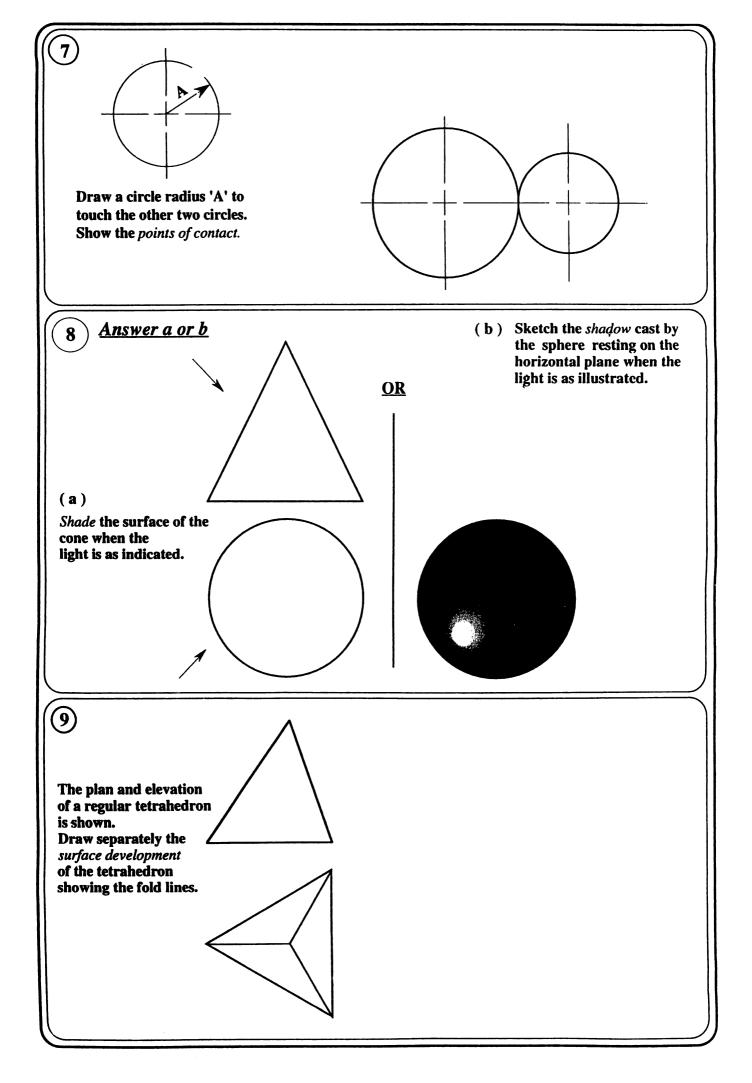


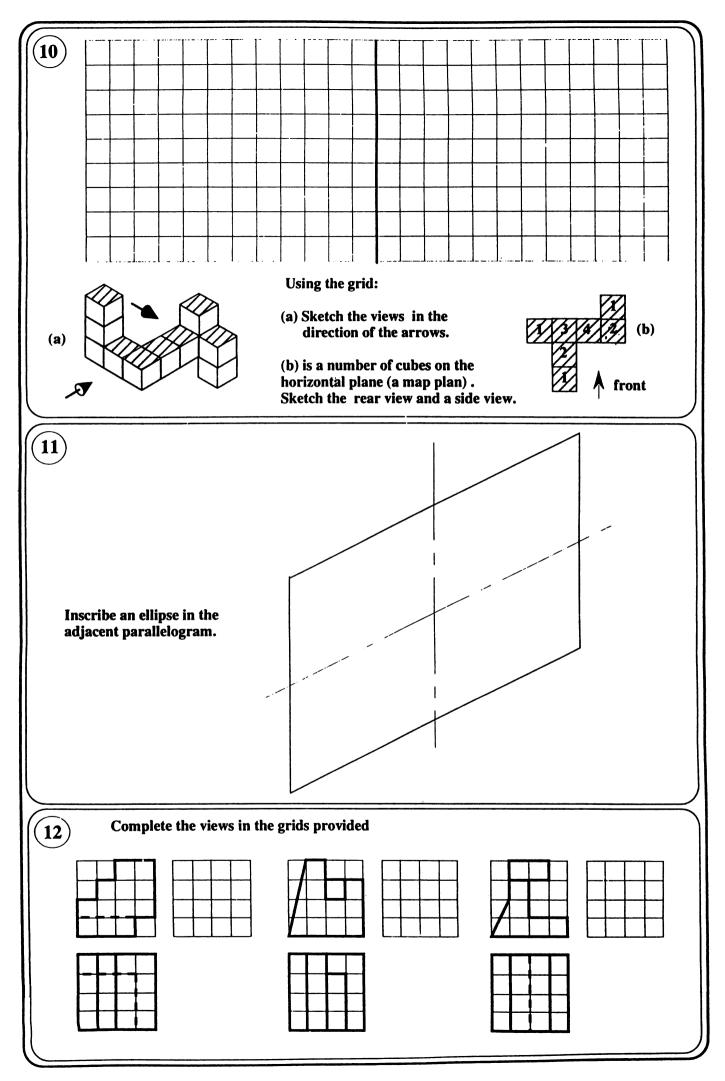


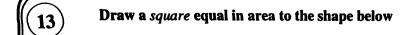
Shown in the square grid are three views of an object. Complete the isometric sketch of the object in the grid below.

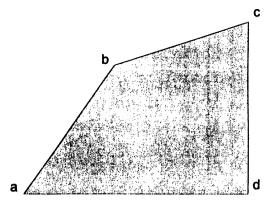




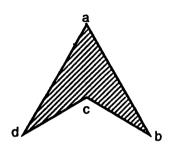


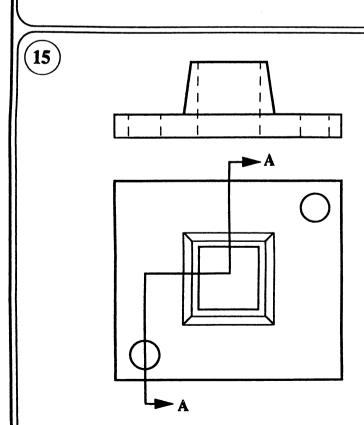






14) Draw the image of the figure in central symmetry through "p".





Draw the section A-A of the plastic fitting.

section A - A