Junior Certificate Examination 2004

Technical Graphics Ordinary Level Section A (120 Marks)

Monday 21 June Afternoon, 2:00 to 4:30

Centre Number

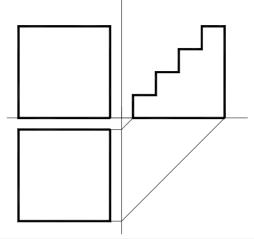
Instructions

- (a) Answer any **ten** questions in the spaces provided. All questions carry equal marks.
- (b) Construction lines must be clearly shown.
- (c) All measurements are in millimetres.
- (d) This booklet must be handed up at the end of the examination.
- (e) Write your examination number in the box provided below and on all other pages used.

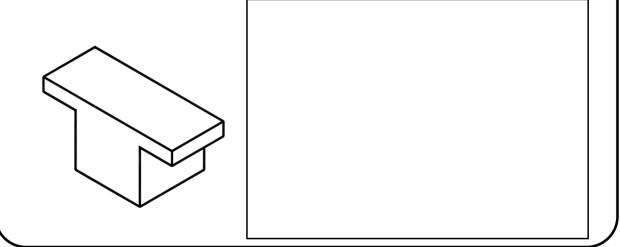
Question	IVIaik
Section A	
1	
2	
3	
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6	
Total	
Grade	

Examination Number:	
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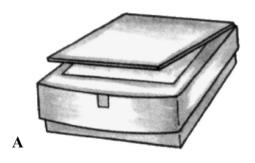
Shown is the incomplete elevation, incomplete plan and end view of a set of **steps**. **Insert** the lines omitted in the elevation and in the plan.



Make a freehand pictorial sketch of the picnic table in the space provided. Apply shading to the sketch.



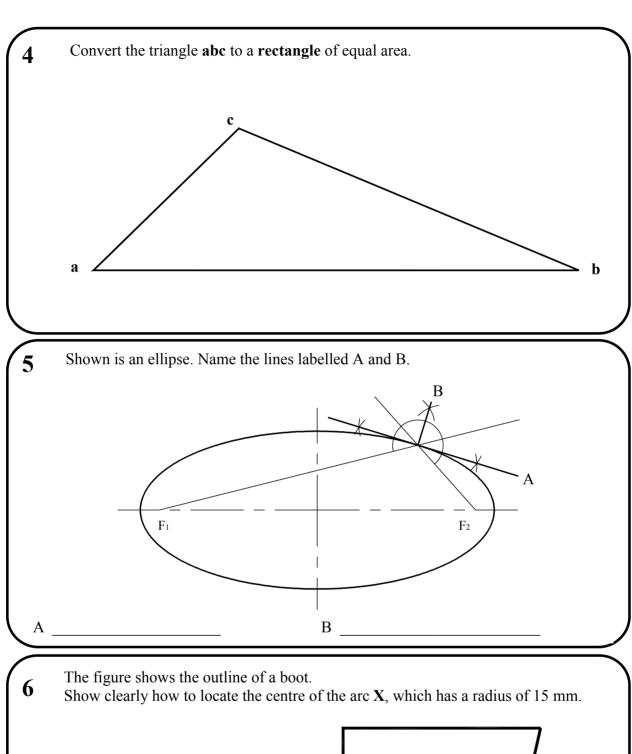
3 Identify the computer related components shown at A and B

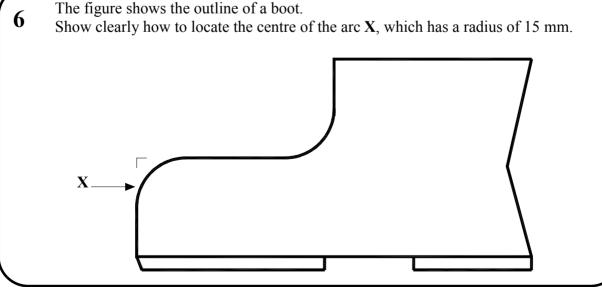


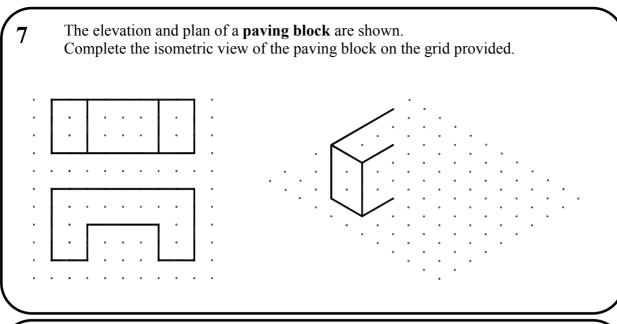
B

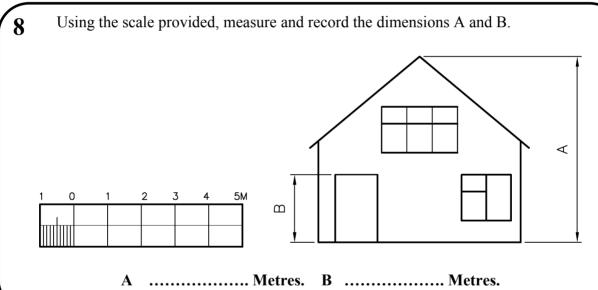
A

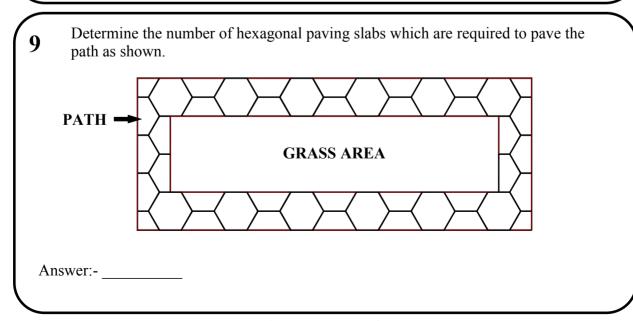
В _____

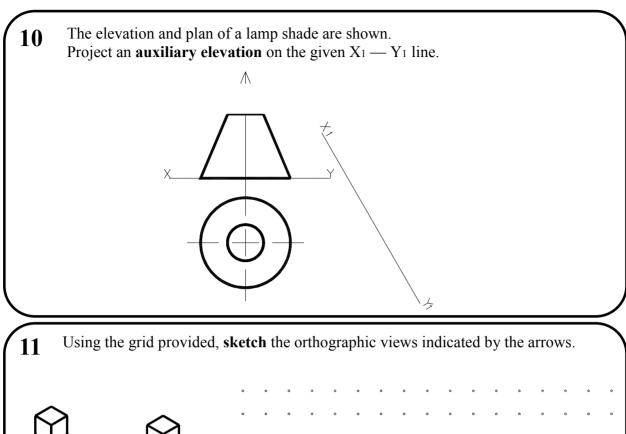




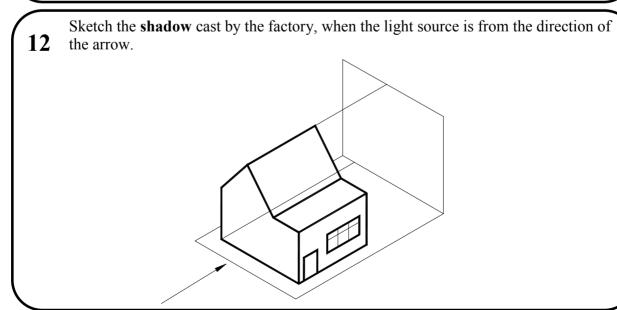






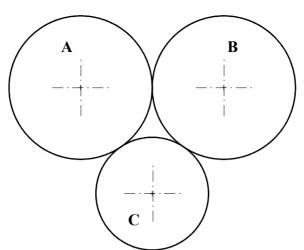




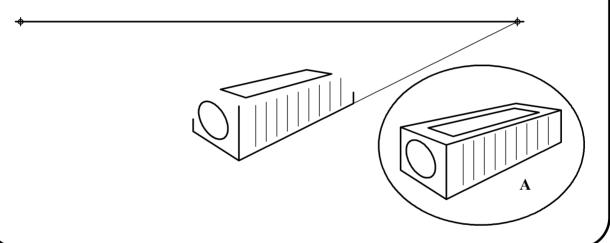


The diagram shows three coins in contact.

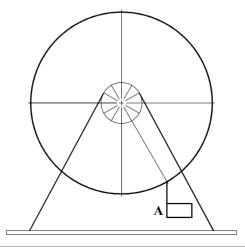
Locate the points of contact between the three coins, A, B and C.



14 The figure shows the incomplete two point perspective of a pencil sharpener. Complete the perspective similar to the view shown at **A**.



The figure shows a fairground Ferris wheel. The wheel rotates 60° anticlockwise. Draw the chair A, in the new position.



This booklet must be handed up at the end of the examination