

**Pre-Junior Certificate Examination**, 2014

### Technical Graphics Higher Level Section A (120 marks)

### Time : 3 Hours

#### Instructions

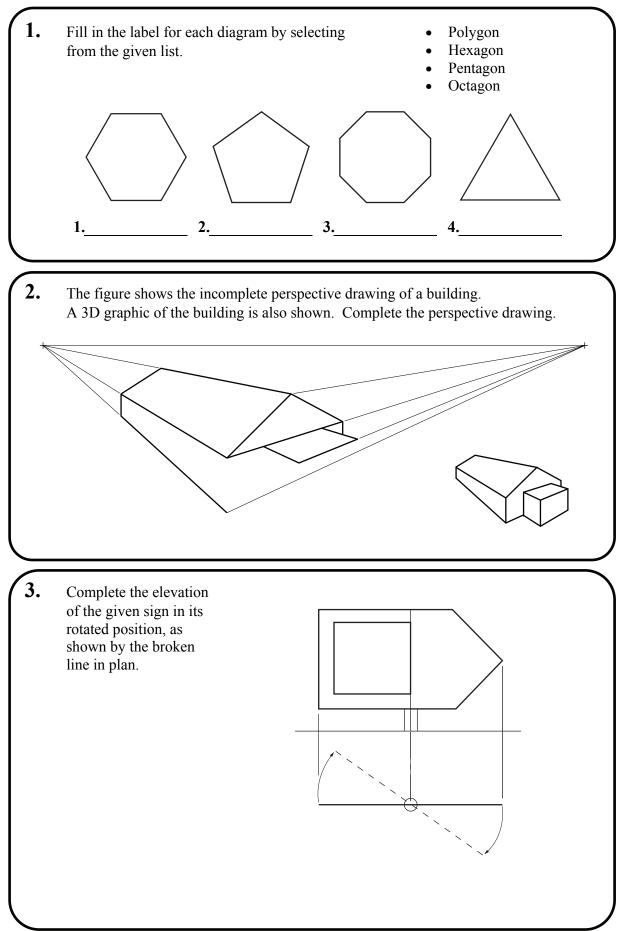
- (a) Answer **any ten** questions in the spaces provided. All questions carry equal marks.
- (b) Construction lines must be clearly shown.
- (c) All measurements are in millimetres.
- *(d) This booklet must be handed up at the end of the examination.*
- (e) Write your name, school's name and teacher's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

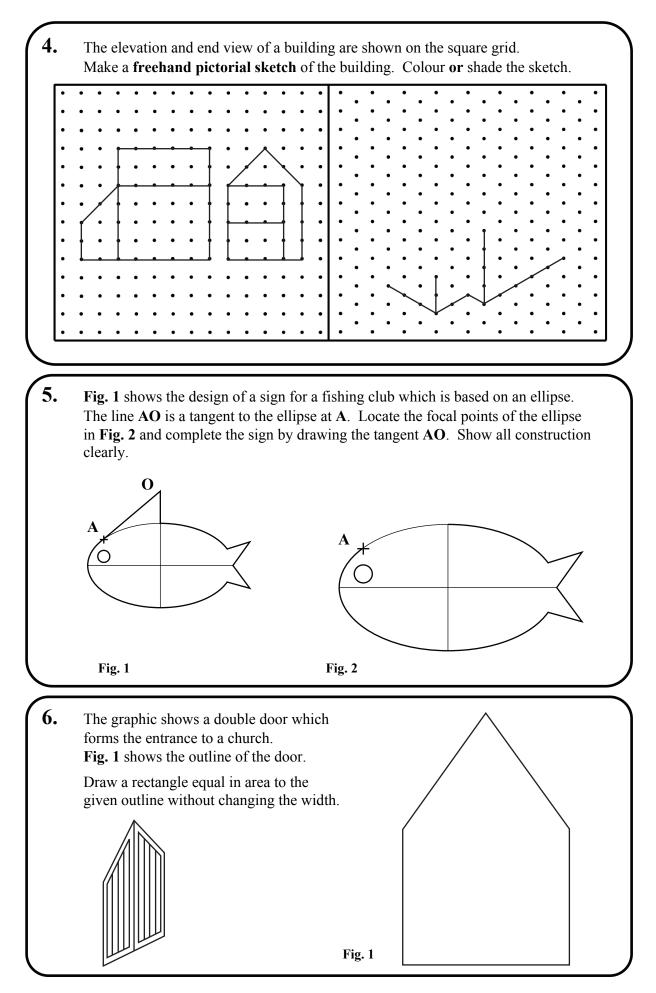
Name:	
School:	
Teacher:	

School Stamp

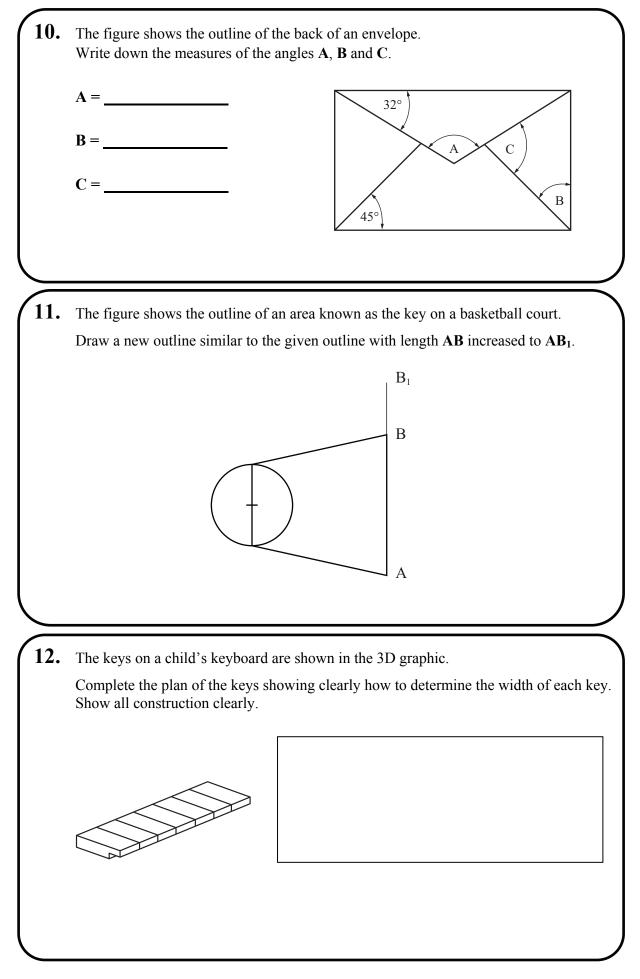
Question	Mark
Section A	
1	
2	
3	
4	
5	
6	
TOTAL	
GRADE	

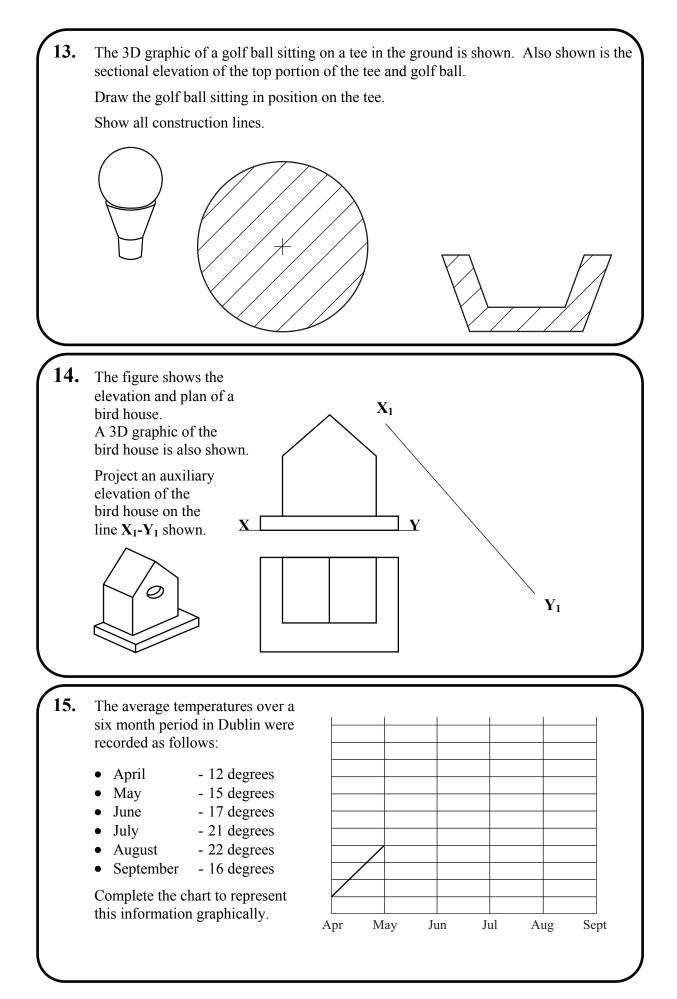
#### SECTION A. Answer any ten questions. All questions carry equal marks.





7.	The figure shows a puzzle made from identical cubes.		
	Write down the number of cubes in this puzzle.		
	There are cubes in this puzzle.		
8.	Write down <b>any three</b> CAD commands used to edit the figure as shown in the sequence.		
	$  \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow   \rightarrow$		
	Any three CAD commands:		
9.	The elevation and plan of a vase are shown.		
	In the space provided, draw a <b>freehand pictorial sketch</b> of the vase.		
	Colour <b>or</b> shade the sketch.		
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