AN ROINN OIDEACHAIS

A

JUNIOR CERTIFICATE EXAMINATION, 1994 TECHNICAL GRAPHICS - ORDINARY LEVEL THURSDAY 16 JUNE - AFTERNOON, 2.00 - 4.30

TOTAL MARKS 400 (Sections A and B)

EXAMINATION NUMBER	R.	
CENTRE STAMP		IONAD

INSTRUCTIONS

- (a) Answer any twelve of the short answer questions in Section A (120 marks) using the spaces provided. All questions in Section A carry equal marks.
- (b) Answer any four of the six questions in Section B (280 marks).All questions in Section B carry equal marks.
- (c) Examination Number must be distinctly marked in the space provided above and on each sheet of paper used.
- (d) All construction lines must be clearly shown.
- (e) All measurements are in millimetres.
- (f) Hand up this Answerbook (Section A) at the end of the examination.

For Examiner's use only		
QUESTION	MARK	
Section A (Total)		
Section B Q1		
Q2		
Q3		
Q4		
Q5		
Q6		
TOTAL ***		
GRADE ***		

WARNING

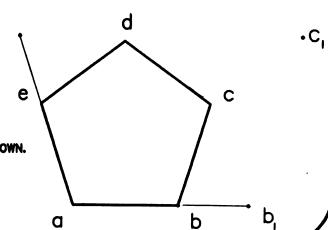
THIS ANSWERBOOK MUST BE HANDED UP AT THE END OF THE EXAMINATION.

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

1

Complete the ENLARGEMENT of the regular PENTAGON a,b,c,d,e.

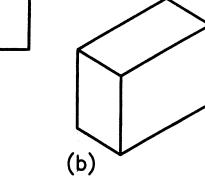
NOTE :- ALL CONSTRUCTION LINES MUST BE CLEARLY SHOWN.

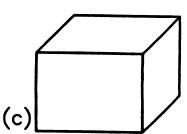


2 IDENTIFY the three drawing systems (a), (b) and (c).









(a)

(b)

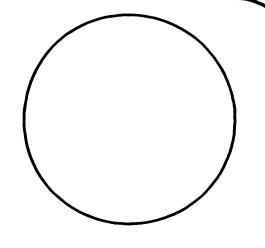
(c)_

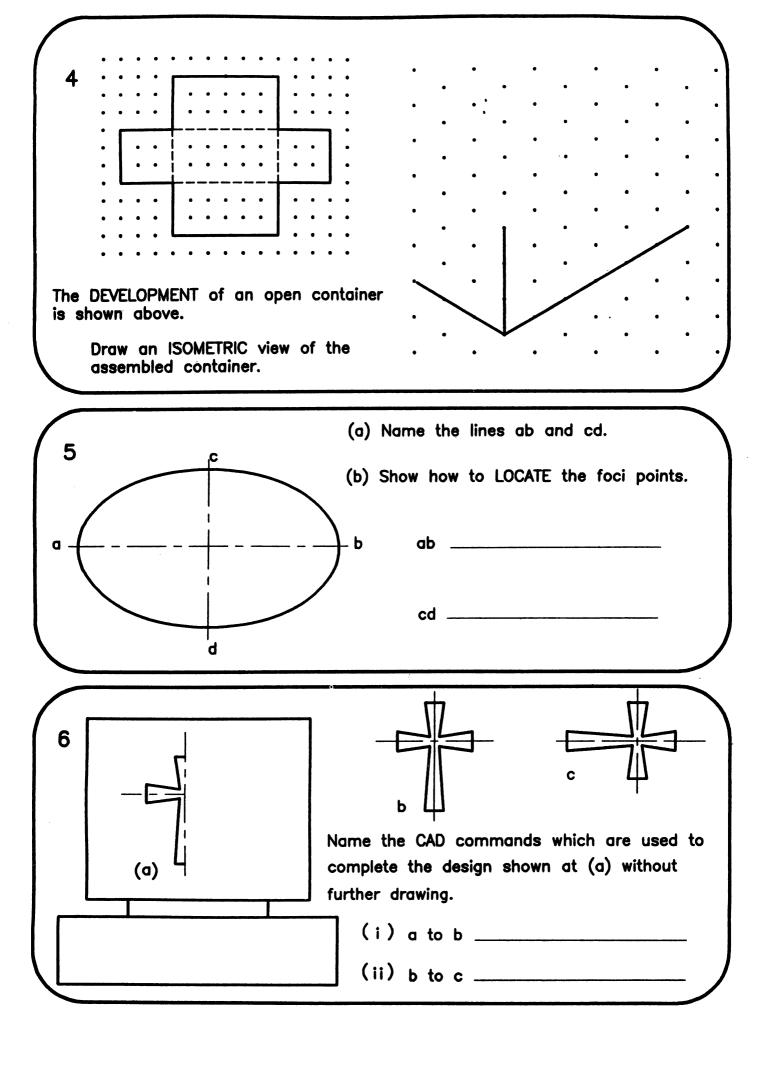
3

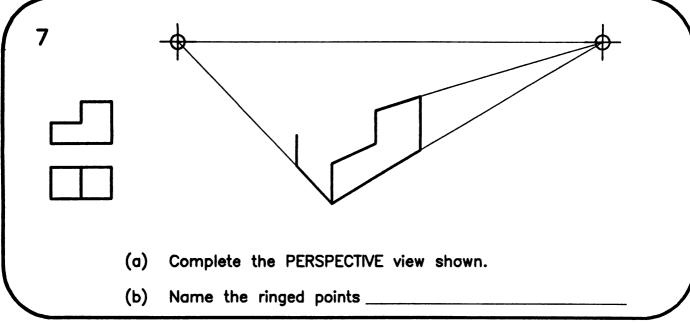
(a)

- (a) Draw a CHORD on the given circle.
- (b) Locate the CENTRE of the circle.

NOTE :- ALL CONSTRUCTION LINES MUST BE CLEARLY SHOWN.





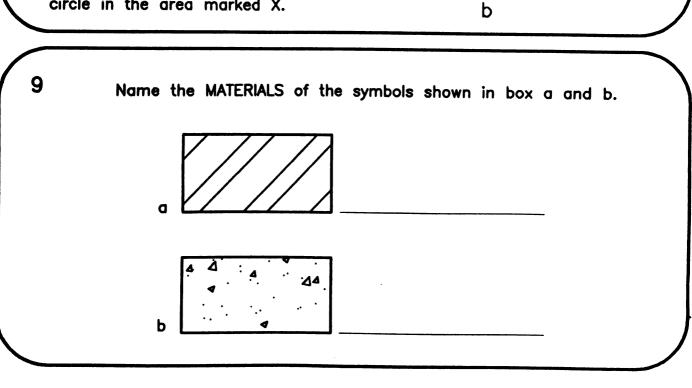


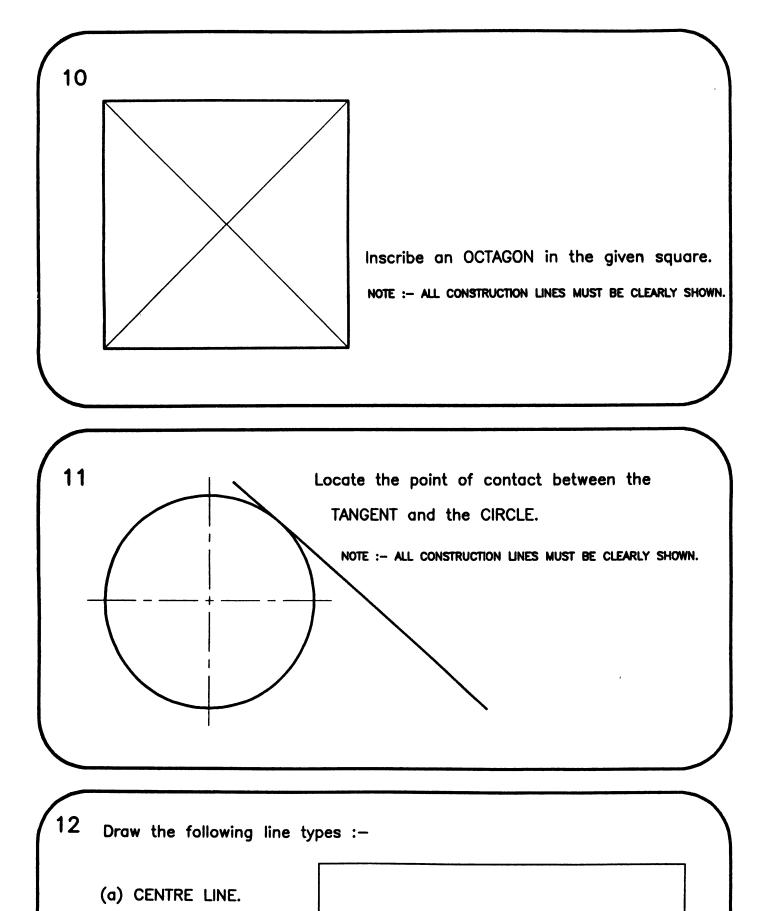
(a) Complete the PERSPECTIVE view shown.

(b) Name the ringed points

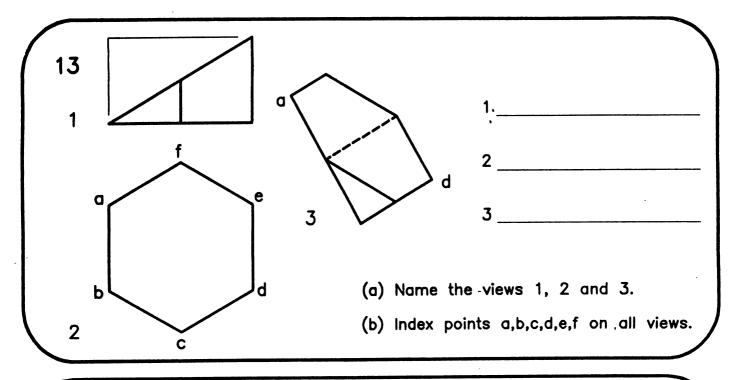
a,b,c,d is an ISOMETRIC view of a square.

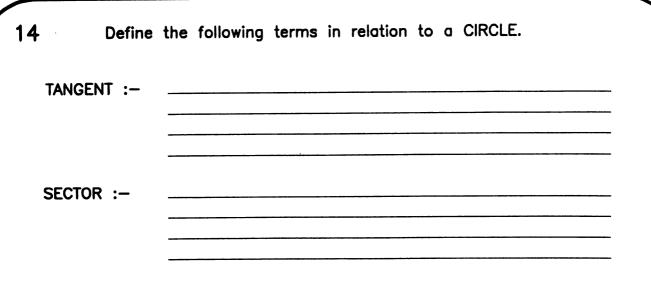
Draw an ISOMETRIC view of one quadrant of the circle in the area marked X.





(b) HIDDEN DETAIL LINE.





(a) Bisect the angle abc.

(b) INSCRIBE a circle of radius 20 millimetres.

to touch both arms of the angle.

NOTE :- ALL CONSTRUCTION LINES MUST BE CLEARLY SHOWN.