
DRAWING AND DESIGN PAPER 2

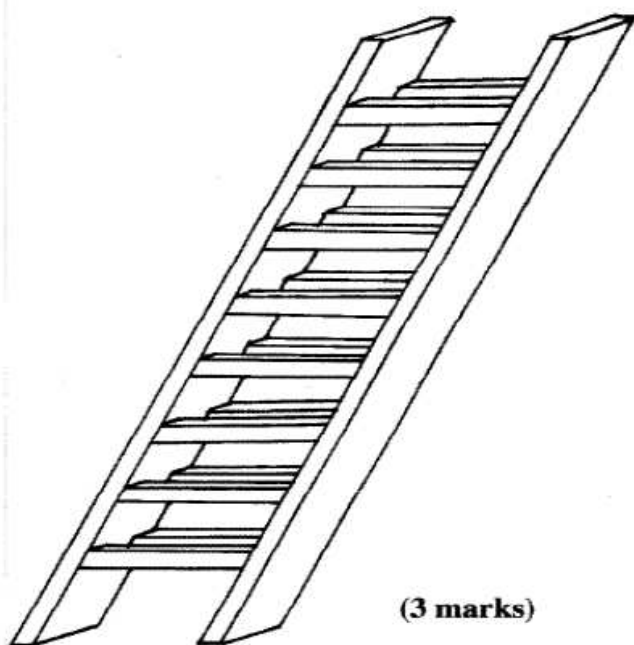
ANSWERS

KCSE 2011

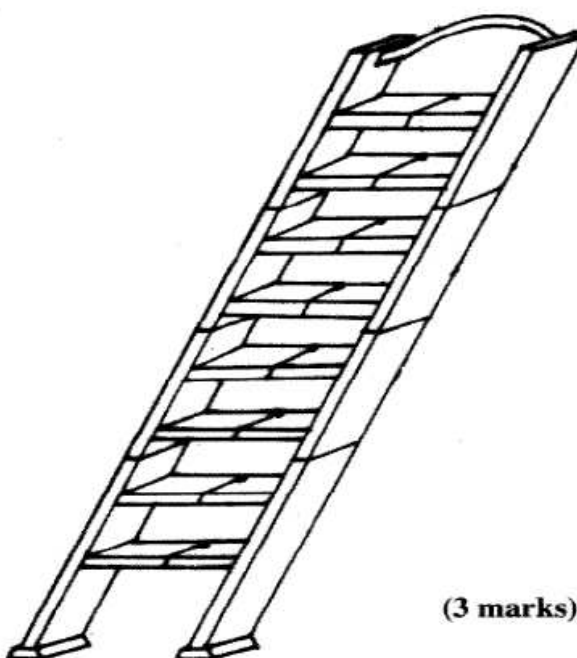
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26.2 Drawing and Design Paper 2 (449/2)

POSSIBLE DESIGN SKETCHES

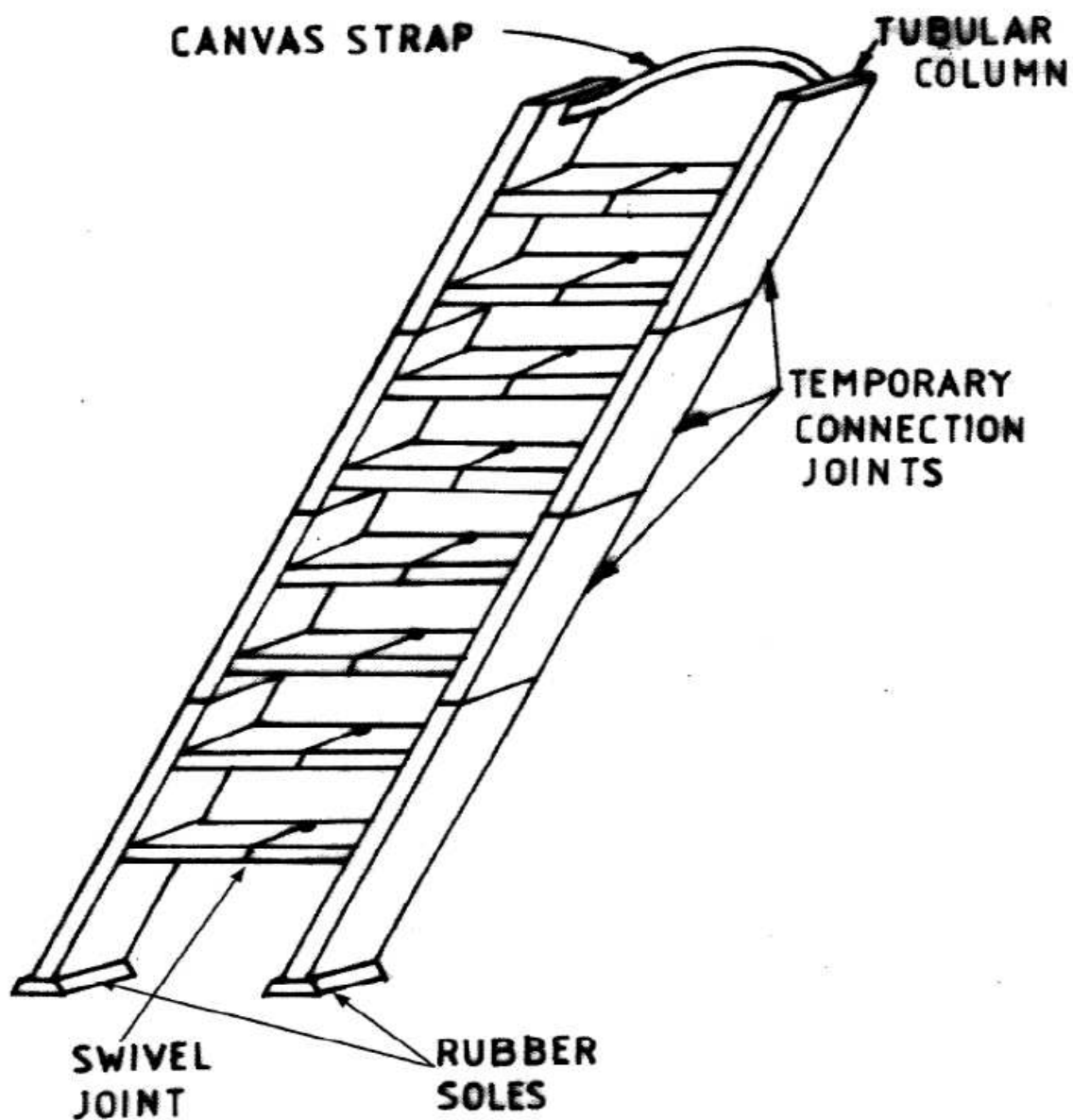


A



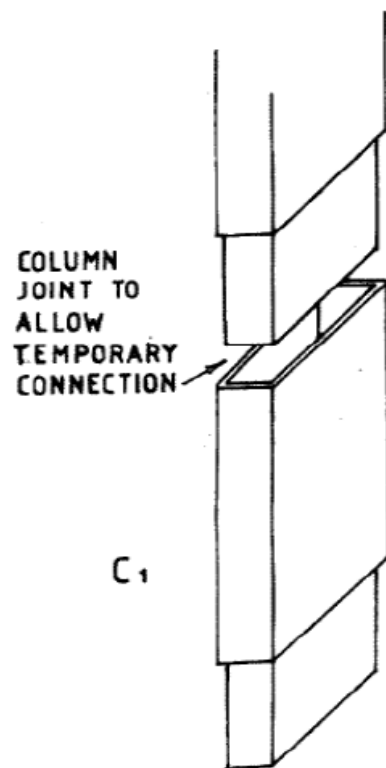
B

SUB-TOTAL = 6 MARKS



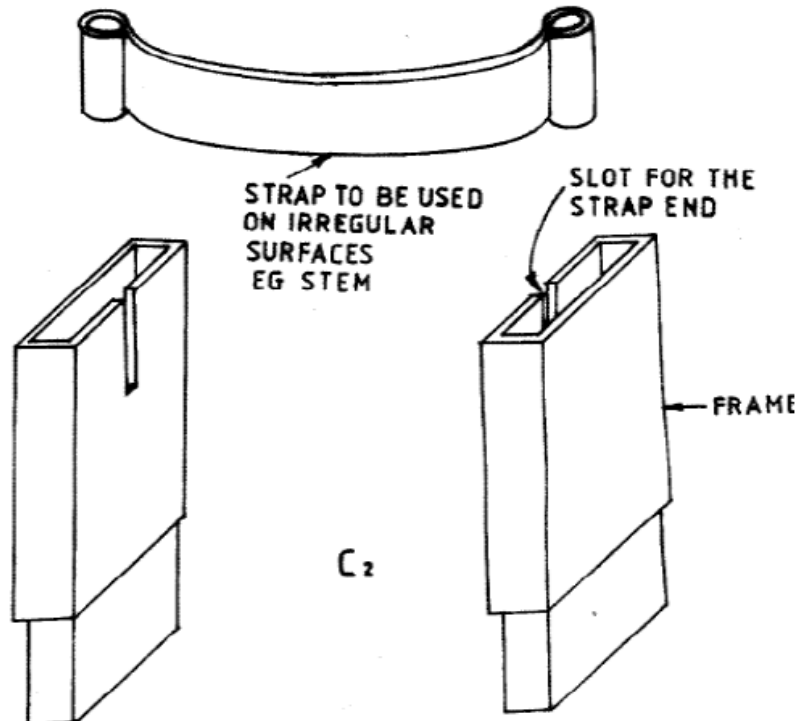
MARKING SCHEME

	DESCRIPTIONS	MARKS
1	Temporary connection for heights	3
2	Rubber soles for firm grip	2
3	Steps provision for climbing comfortably	2
4	Provision to using it on different tree trunks	2
5	Collapsibility for transportation	2
	SUB-TOTAL	11



C₁

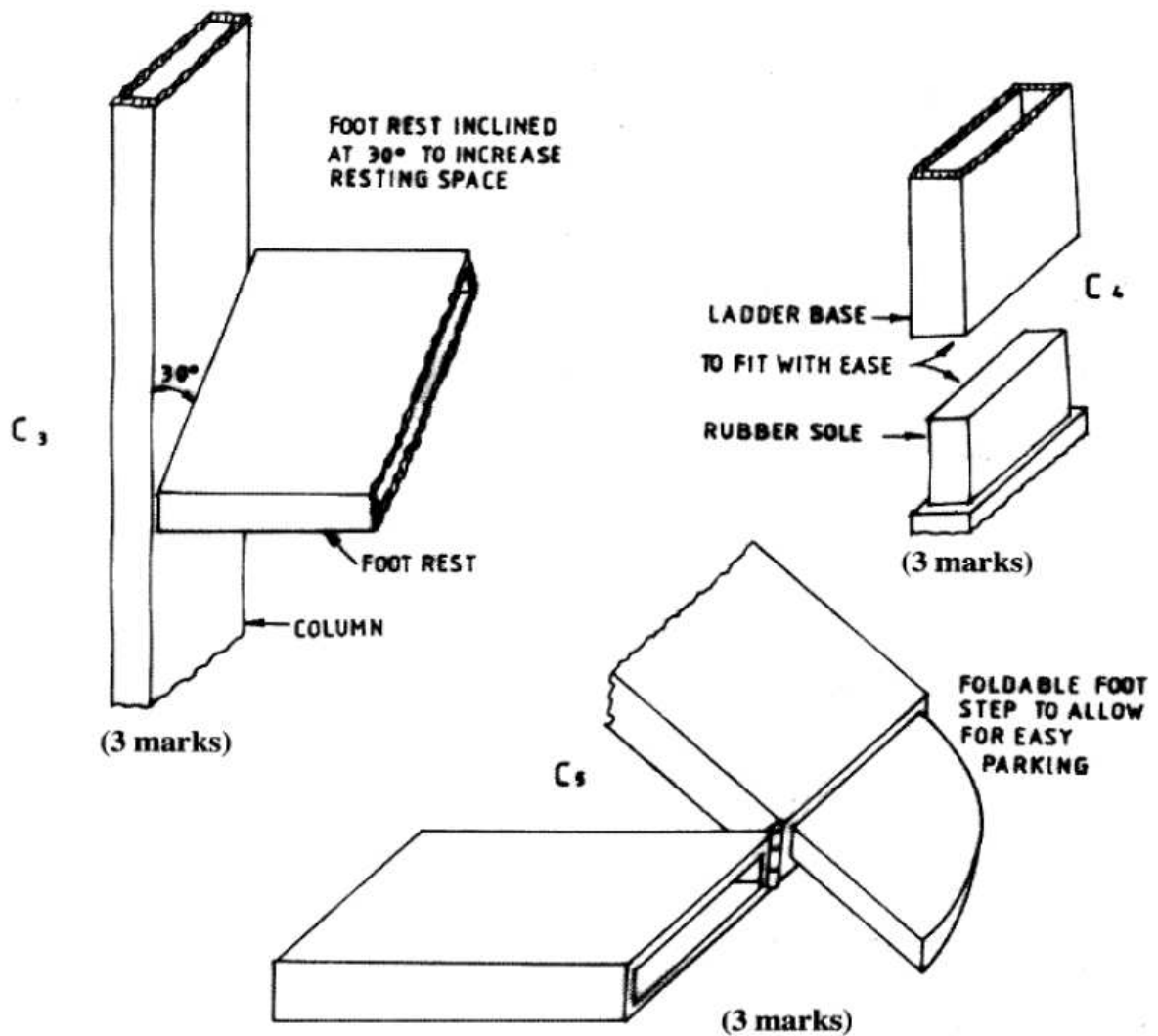
(3 marks)



C₂

(3 marks)

SUB-TOTAL = 6 MARKS



D. MATERIALS USED:

- (i) ALUMINIUM ALLOY IT IS LIGHT FOR EASE OF HANDLING AND IS STRONG ENOUGH (1 mark FOR THE FRAME (1 mark)
- (ii) RUBBER FOR THE SOLE (1 mark) IT PROVIDES A FIRM GRIP ON THE GROUND (1 mark)

- E.**
- (i) WELDING (1 mark) TO ASSEMBLE THE FRAME WORK (1 mark)
 - (ii) RIVETTING (1 mark) TO RIVET THE PARTIAL PARTS OF THE FOOT STEP (1 mark)

SUB TOTAL = 17 MARKS
TOTAL = 40 MARKS