

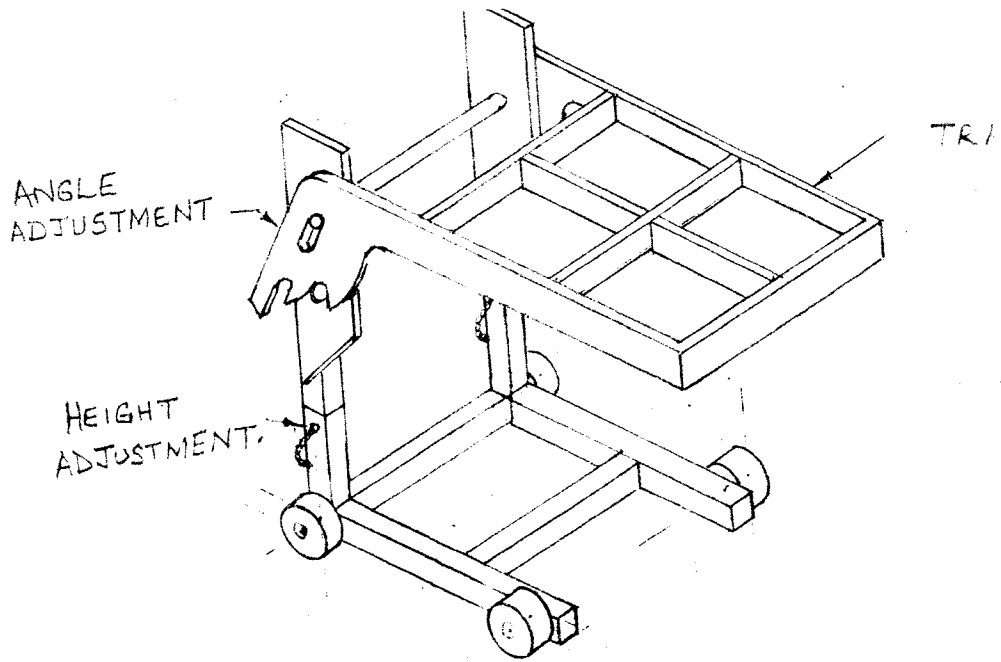
4.21.2 Drawing and Design Paper 2 (449/2)

A.	<p>An exploded view drawing of a desk. It shows a rectangular tray with a grid pattern on top, a vertical support post on the left side, and a base with four casters. The tray is shown above the support post, and the support post is shown above the base, indicating they are separate components.</p>	3 marks
	<p>Line work - 1 Proportionality - 1 Functionality - 1 TOTAL - 3 Marks</p>	
	<p>An exploded view drawing of a desk, similar to the one above. It shows a rectangular tray with a grid pattern on top, a vertical support post on the left side, and a base with four casters. The tray is shown above the support post, and the support post is shown above the base, indicating they are separate components.</p>	
	<p>Line work - 1 Proportionality - 1 Functionality - 1 TOTAL - 3 Marks</p>	3 marks

B.

REFINED SKETCH

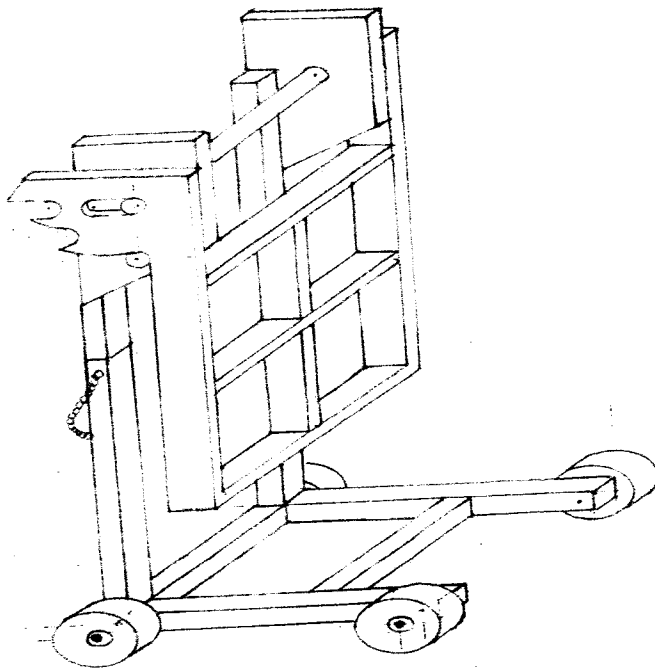
10 marks

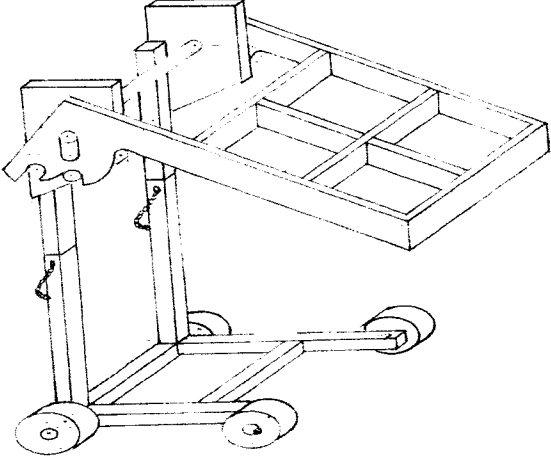
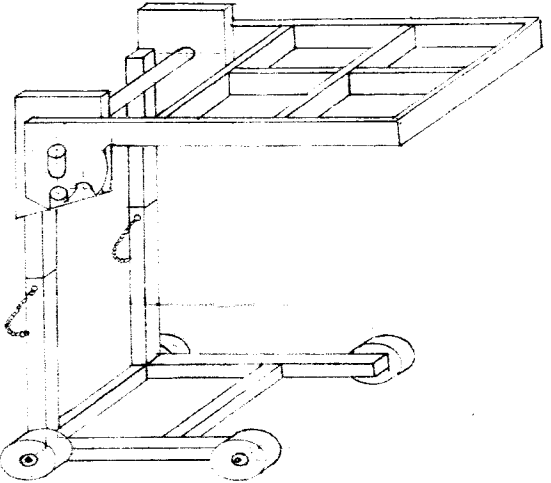


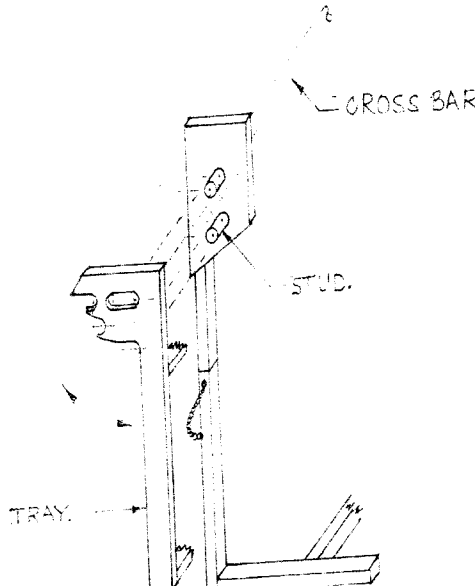
C. (i)

STAND IN STORAGE POSITION

4 Marks



C.(ii)	<p>SHELF INCLINE AT AN ANGLE</p> 	4
iii	<p>SHELF PARALLEL TO THE GROUND</p> 	4 Marks

D	<p>EXPLODED VIEW OF THE MECHANISM</p> 	8 marks
E	<p>(i) MATERIALS USED:</p> <ol style="list-style-type: none"> 1. Aluminium 2. Rubber <p style="text-align: right;">2 materials @1 = 2</p> <p>(ii) JOINING METHODS USED</p> <ol style="list-style-type: none"> 1. Welding 2. Pinning <p style="text-align: right;">2 joining methods @1 = 2</p>	4 marks