



Kammavari Sangham (R)-1952

K.S.GROUP OF INSTITUTIONS

K.S. INSTITUTE OF TECHNOLOGY

(Approved by AICTE & Affiliated to VTU)

KANAKAPURA ROAD, BANGALORE - 560 062

A P J ABDUL KALAM

"Tell me and I'll forget;
Show me and I may
remember; Involve me
and I'll understand"

GRAHAM BELL

MARIE CURIE

SRINIVASA
RAMANUJAN

J R D TATA

THOMAS ALVA EDISON

DENNIS RITCHIE

GRAPH BOOK

NAME : VINAY SAGAR V ALUR

SEM/ BRANCH : II ECE

SUBJECT & CODE : EGDL

USN :

1	K	S	2	0	E	C	1	1	5
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GRAPH BOOK

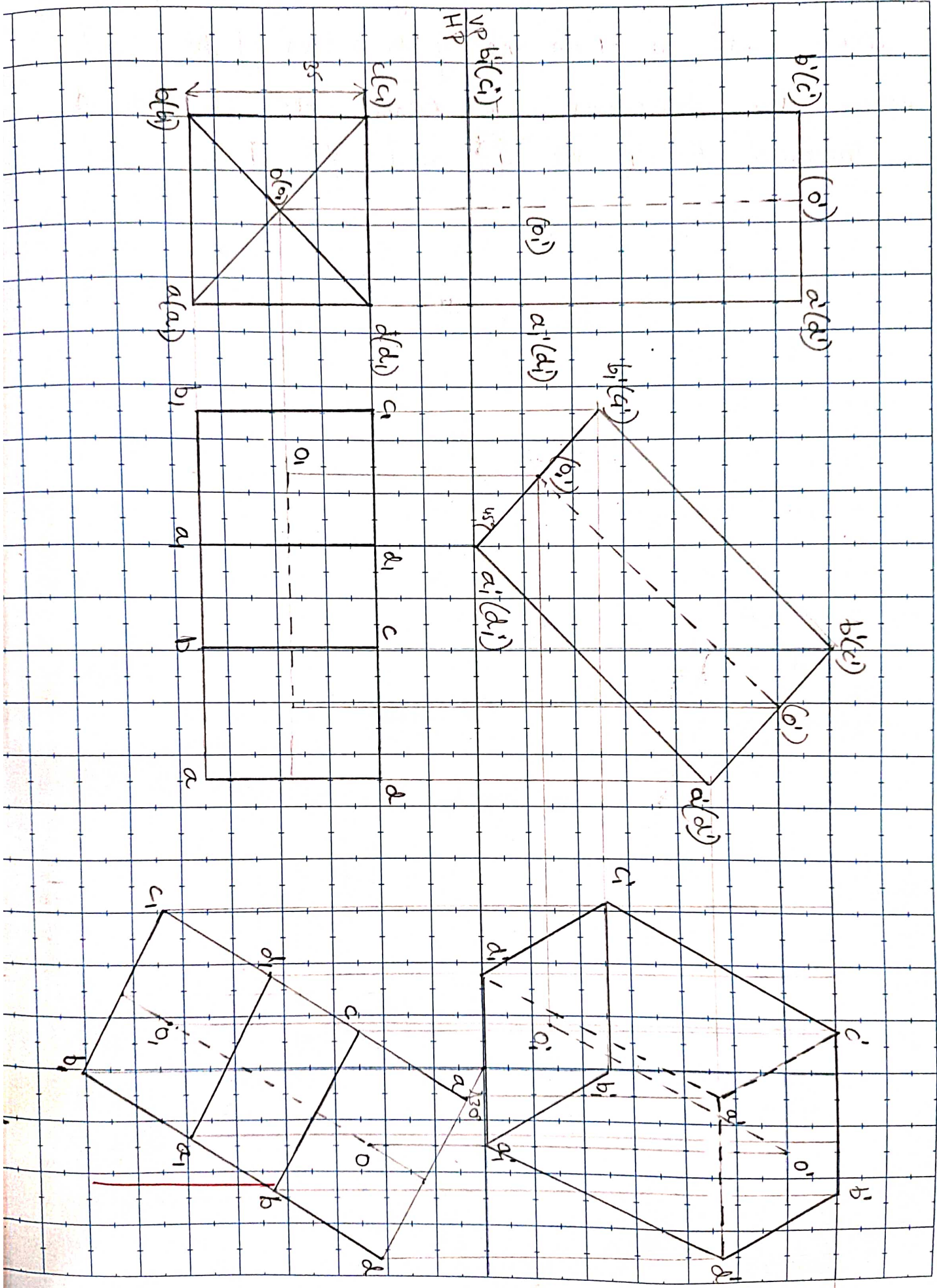
NAME : VINAY SAGAR V ALUR

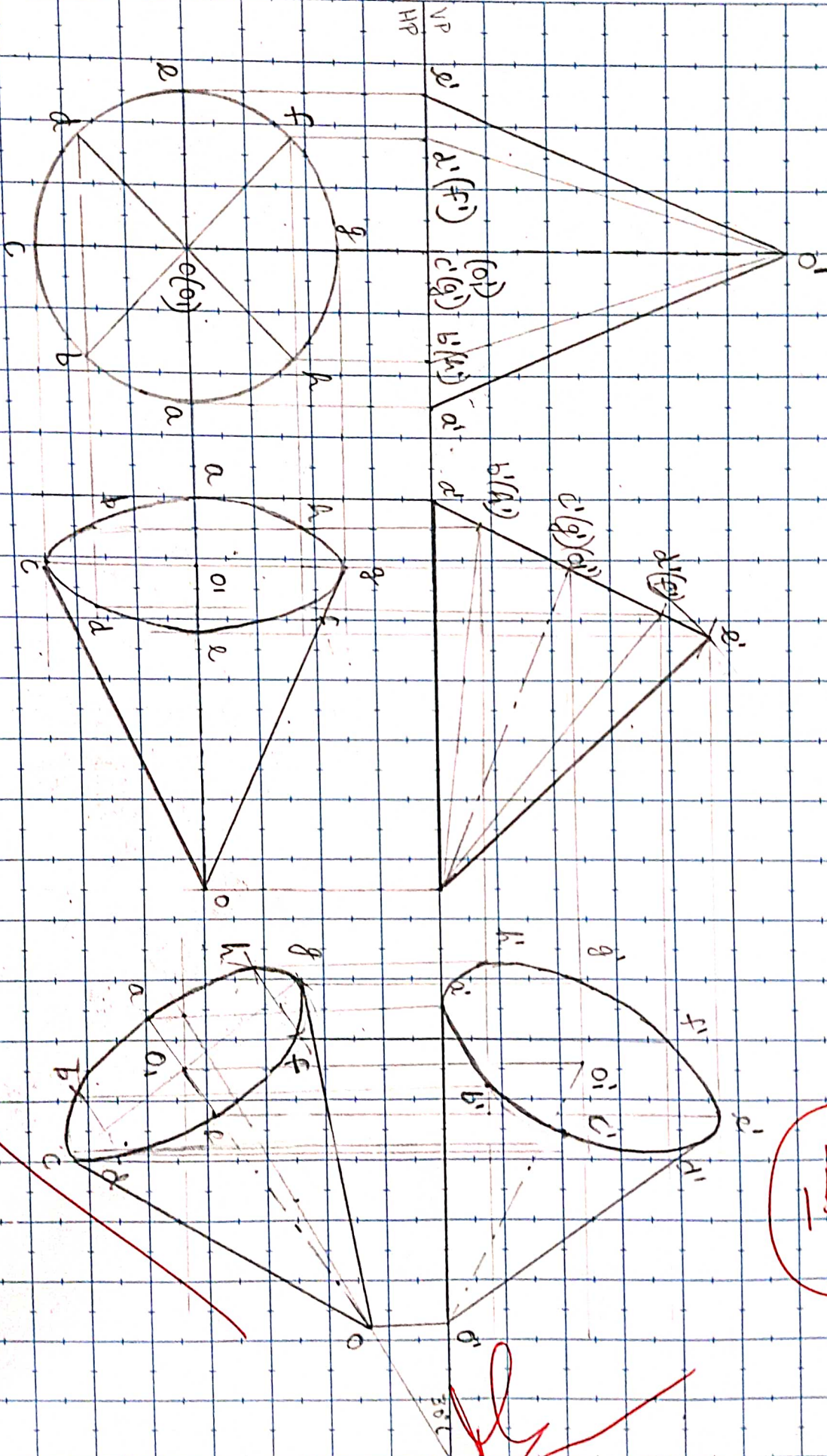
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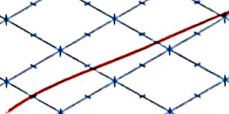
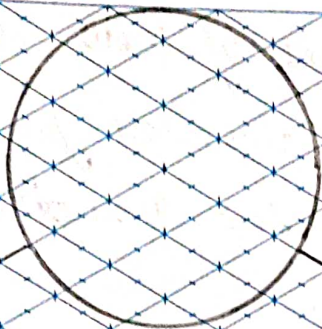


15/10

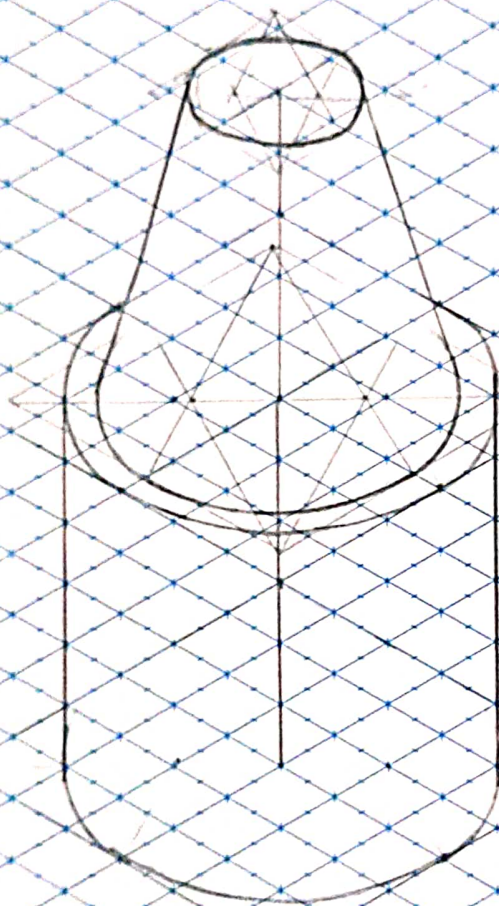
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Scale : 1 Unit = 10mm

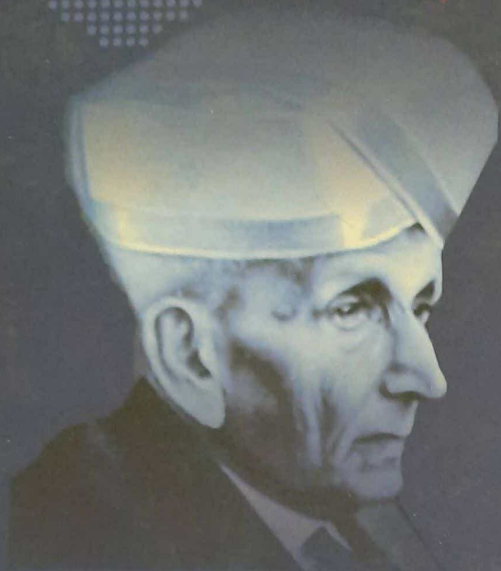


Mission

Aim at Perfection Achieve Excellence

Vision

From Diversity to Integrity



"To give real service, you must add something which cannot be bought or measured with money"

Sir Mokshagundam Visvesvaraya popularly known as Sir MV [15 September 1860 - 14 April 1962] was a notable Indian engineer, scholar, statesman and the Diwan of Mysore during 1912 to 1918. He was a recipient of the Indian Republic's highest honour, the Bharat Ratna, in 1955. He was knighted as a Knight Commander of the Indian Empire (KCIE) by King George V for his contributions to the public good. Every year, 15 September is celebrated as Engineer's Day in India in his memory. He is held in high regard as a pre-eminent engineer of india. He was the chief designer of the flood protection system for the city of Hyderabad in Andhra Pradesh, as well as the chief engineer responsible for the construction of the Krishna Raja Sagar dam in Mandya District.



K.S. INSTITUTE OF TECHNOLOGY

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K S I T
K. S. INSTITUTE OF TECHNOLOGY

K. S. INSTITUTE OF TECHNOLOGY

Raghuvanahalli, Bengaluru - 560109

Department of Mechanical Engineering

Laboratory Certificate

This is to certify that Mr. Ms. Vinay. Sagar. V., USN No: 1KP20EC115 has satisfactorily completed the course in ENGINEERING GRAPHICS, Subject Code: 18EGDL25, prescribed by Visvesvaraya Technological University, Belgaum for the II Semester B.E. Electronics & Communication Engg branch in this college during the academic year 2020-2021

AVERAGE TEST MARKS (10)	OBSERVATION & ASSIGNMENT (15)	PRINTOUTS (15)	TOTAL INTERNAL MARKS (40)
16	14	15	39/40

Signature of Student

Signature of Staff

Signature of H.O.D

Head of the Department
Dept. of Mechanical Engg.
K.S. Institute of Technology
Bengaluru - 560 109.

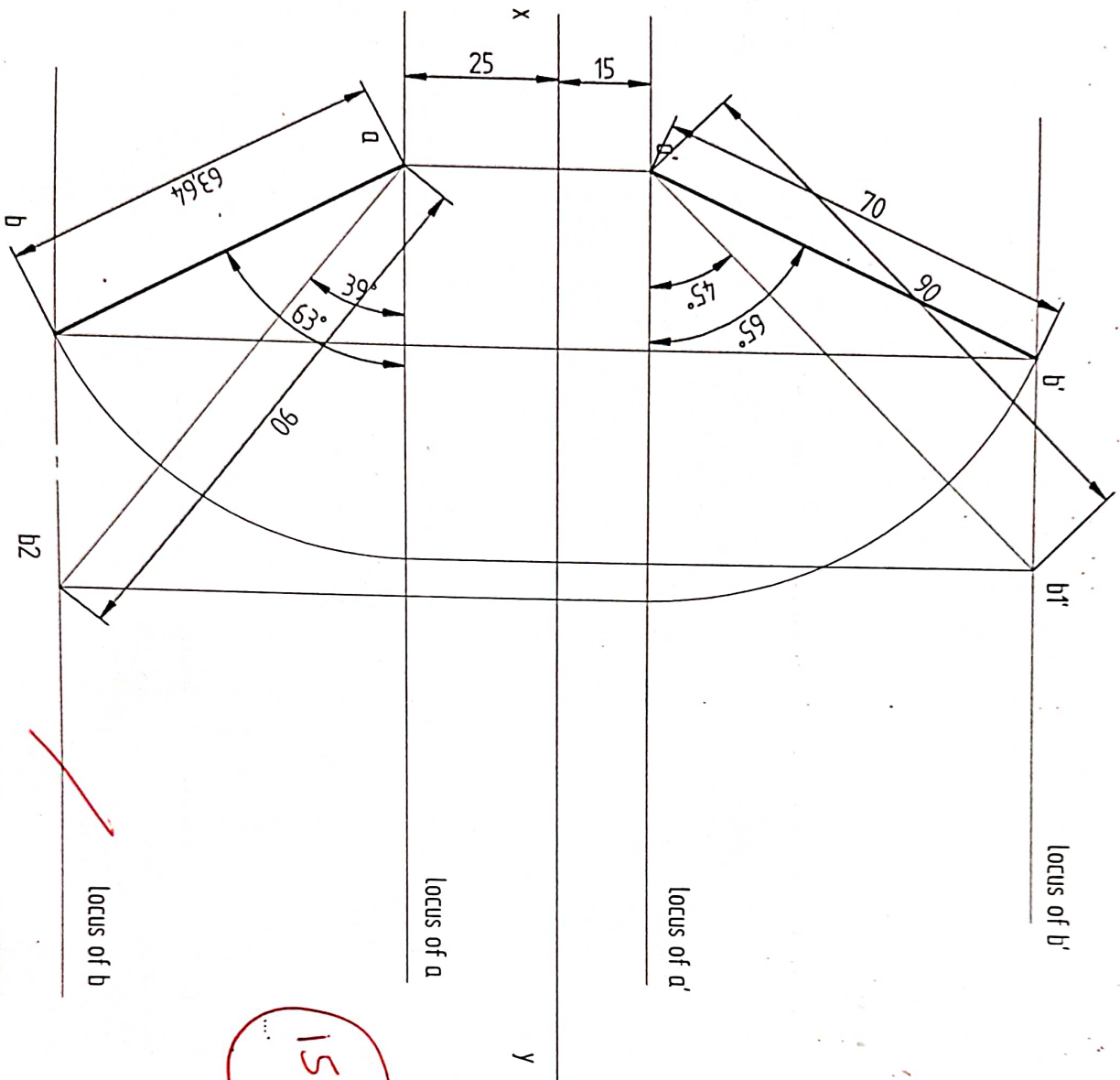


<p>A line AB 80mm long has its end a 20mm above HP and 30mm in front of VP. it is inclined at 30 to HP and 45 to VP . draw the projections of the line and find apparent lengths and apparent inclinations</p>
<p>NAME: VINAY SAGAR V ALUR</p>
<p>USN: 1KS20ECT115</p>
<p>PROJECTION OF LINES</p>

USN: 1KS20EC115

PROJECTION OF LINES

PROJECTION OF LINES

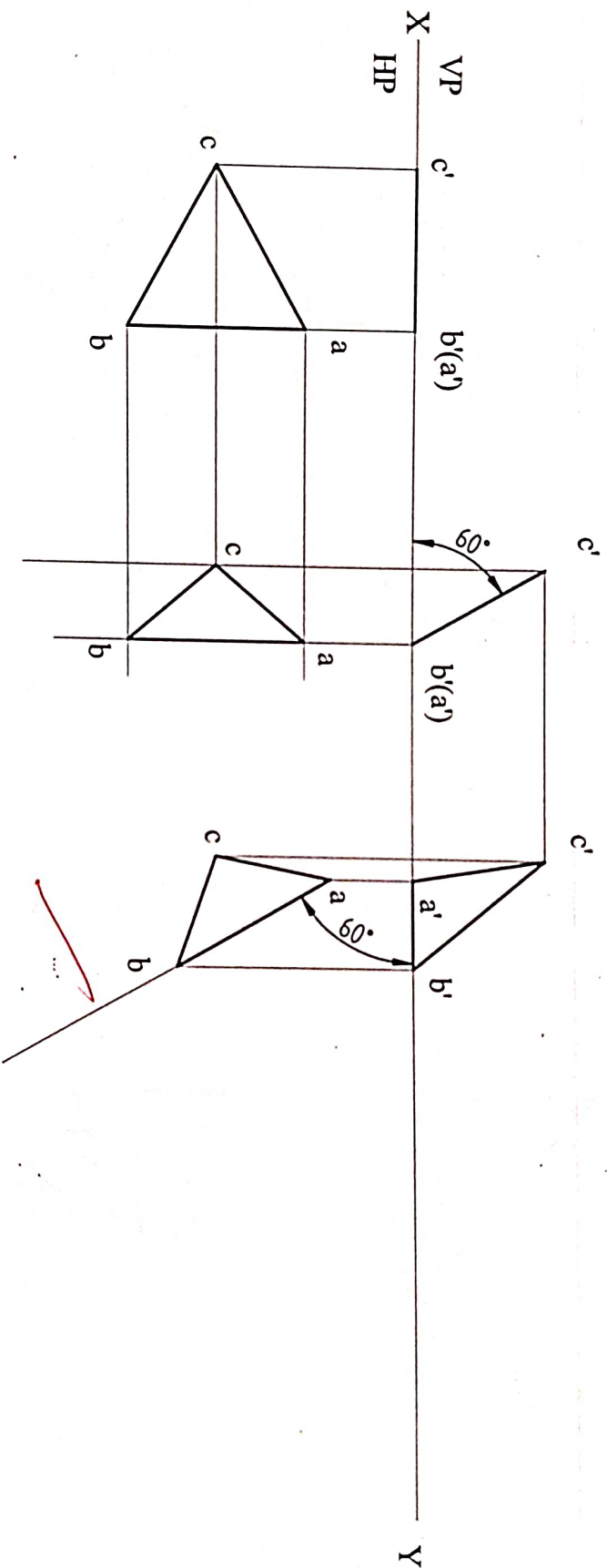


A line AB is 90mm is inclined at 45 to HP . its front view measures 70mm, end A is 15mm above HP and 25mm in front of VP. draw the projections and determine its inclinations with respect to VP and length of its top view.

15/15

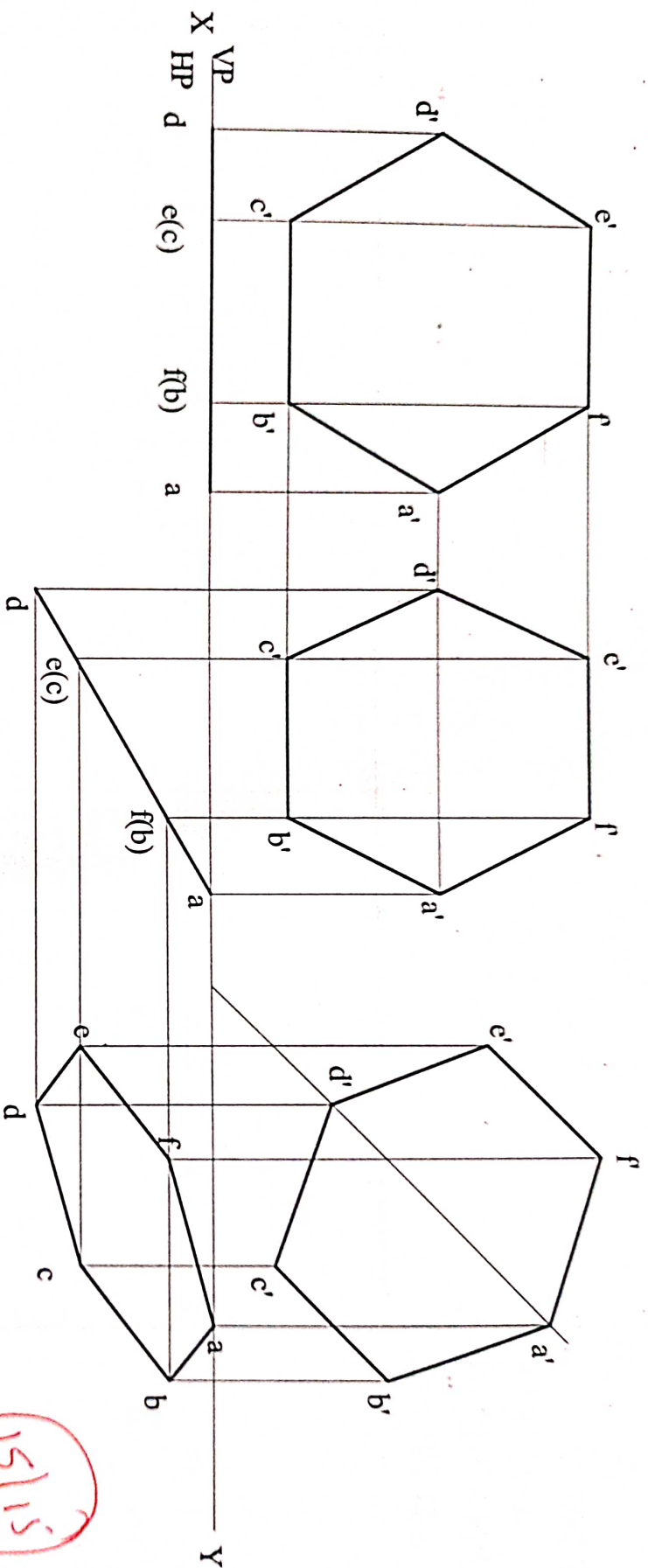
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USN: IKS20ECT115
PROJECTION OF LINES



A triangular lamina of 30 mm sides lies with one of its edges on HP such that the surface of the lamina is inclined to HP at 60 degrees. The edge on which the lamina rests is inclined to VP at 60 degrees. Draw its Projections.

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PROJECTION OF PLANES



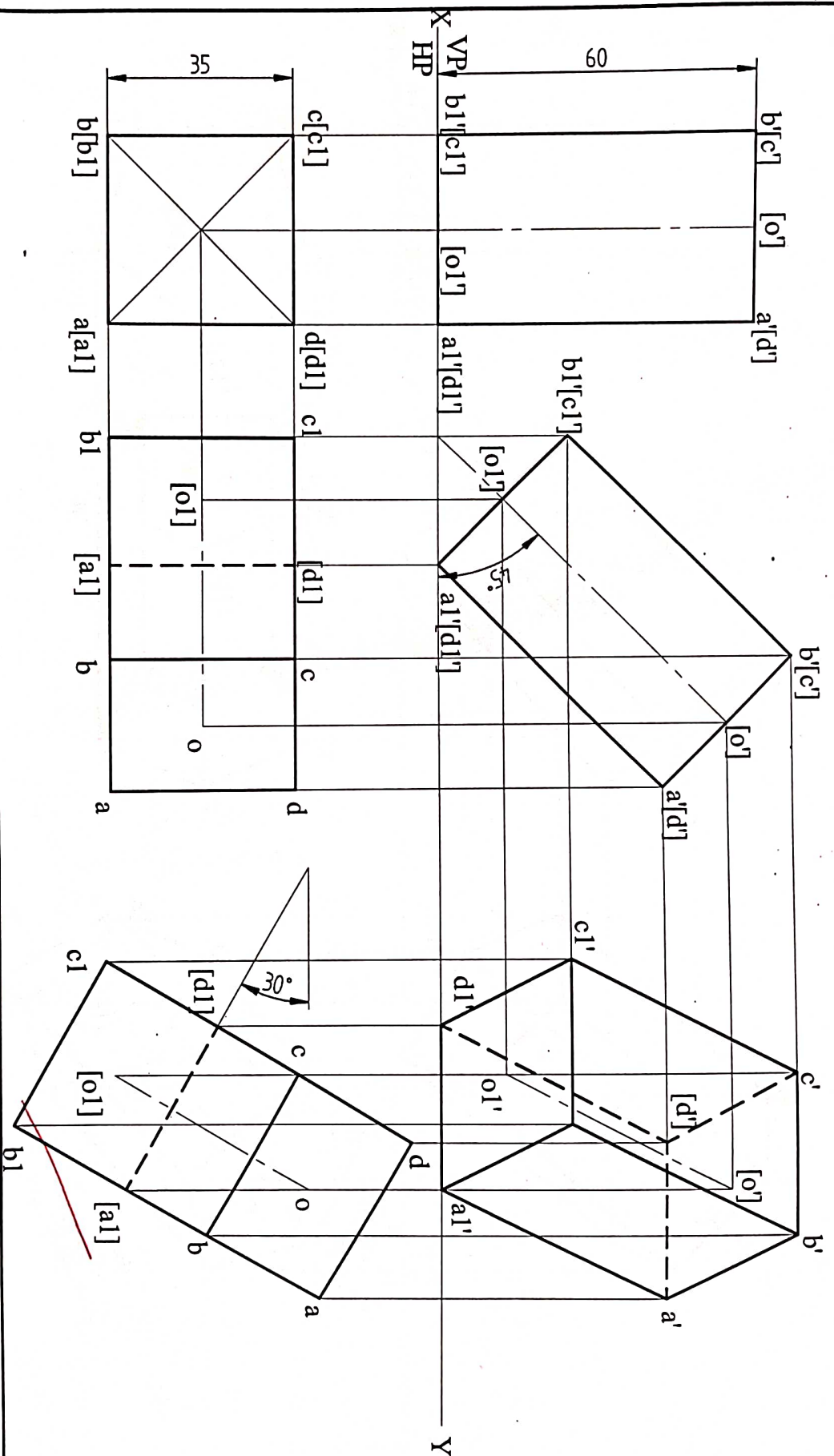
A hexagonal lamina of sides 30 mm is resting on a corner in VP with its surface making an angle of 30 degrees with VP. Front view of a diagonal passing through the corner on which lamina rests is inclined at 40 degrees with XY line. Draw its projections.

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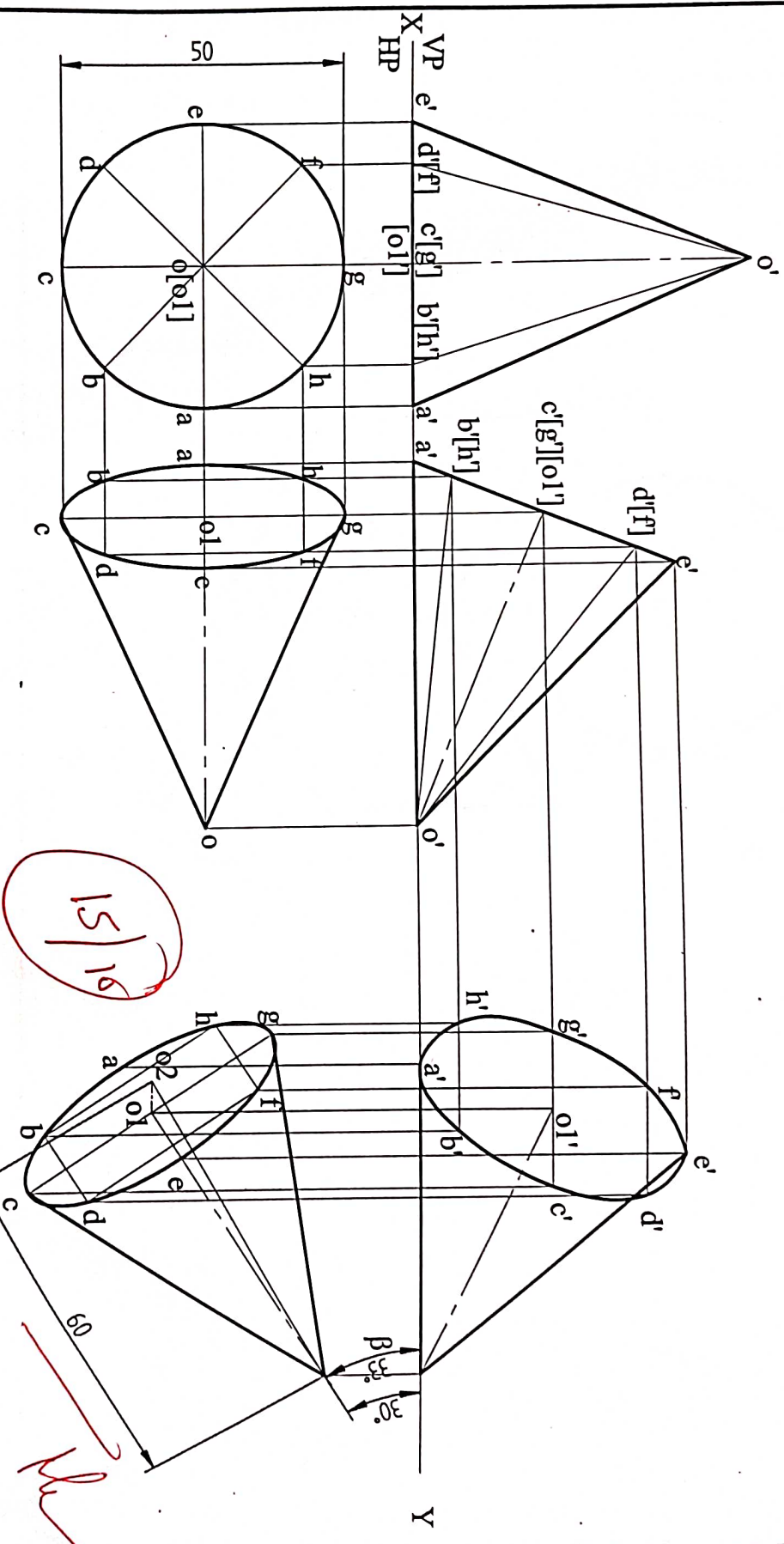
PROJECTION OF PLANES

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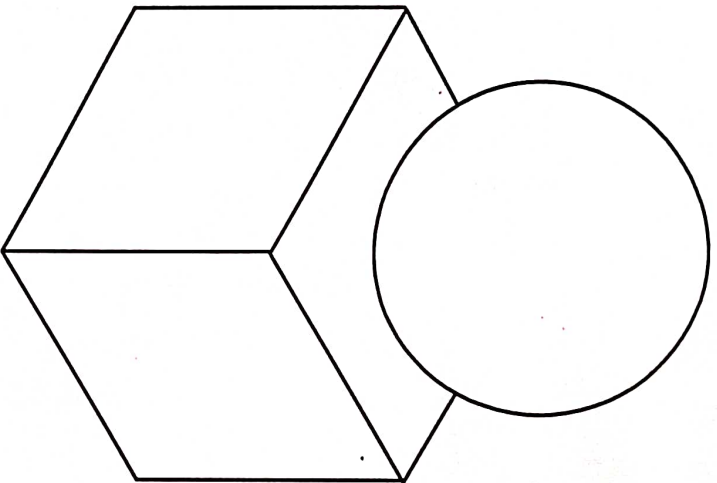
A square prism 35mm sides of base and 65mm axis length rests on HP on one of its edges of the base which is inclined to VP at 30 degree. Draw the projections of the prism when the axis is inclined to HP at 45 degree.

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PROJECTION OF SOLIDS



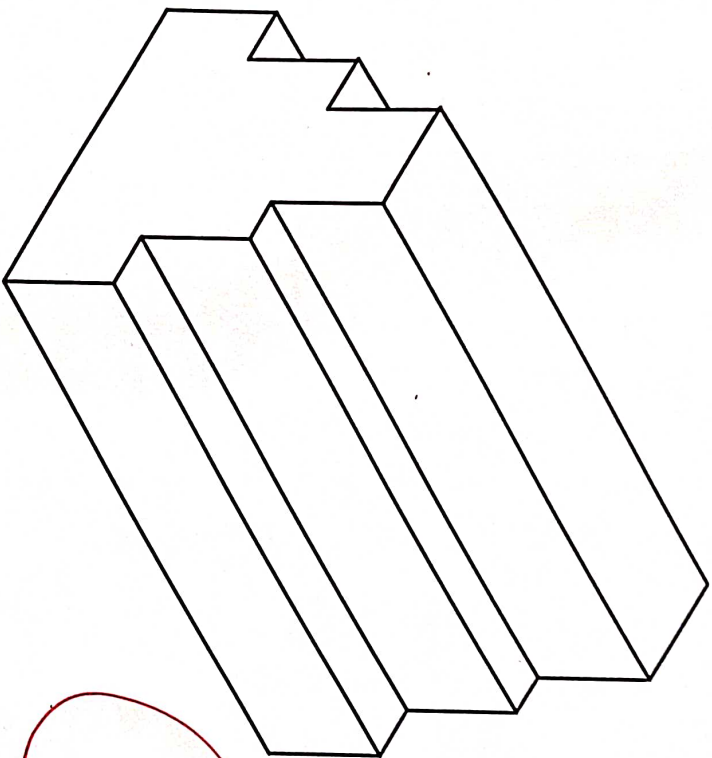
15/16

A cone of 50mm diameter and 60mm axis length rests on HP on one of its generators. Draw the projections when the axis is inclined to VP at 30degree.



A sphere of diameter 50 mm rests centrally on the top of a cube of sides 50mm. Draw the projection of the combination of solids.

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2ND SEM, ECE, 'E'
ISOMETRIC PROJECTION



15/15

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Three rectangular slabs 100mmx60mmx20mm, 100mmx40mmx20mm & 100mmx20mmx20mm are placed one above the other in ascending order of their width-b, such that their longer axis are coplanar. Draw the isometric projection of combination.

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2ND SEM, ECE, 'E'
ISOMETRIC PROJECTION