

ROLL NO.

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Internal Assessment Test II

Sub:	Engineering Graphics				Sub Code:	18EGDL15	Branch:	Physics Cycle	
Date:	01/03/2021	Duration:	90 min's	Max Marks:	50	Sem / Sec:	1 st / A TO G		OBE
<u>Answer any ONE question from PART A and PART B is compulsory</u>							MARKS	CO	RBT
PART A									
1	A hexagonal lamina of sides 25 mm rests on one of its sides on VP. The side opposite to the side on which it rests is 30 mm in front of VP & the side on which it rests makes 45° to HP. Draw the projections. Also determine the inclination of the lamina with the reference plane.					20	CO1, CO3	L3	
2	A regular pentagonal lamina of 25mm side is resting on one of its sides on HP while the corner opposite to this side touches VP. If the lamina makes an angle of 60° with HP and 30° with VP. Draw the projections of the lamina.					20	CO1, CO3	L3	
PART B									
3	A square prism 35mm sides of base and 60mm axis length rests on HP on one of its corners of the base such that two base edges containing the corner on which it rests make equal inclination with HP. Draw the projections of the prism when the axis of the prism is inclined to HP at 40° and to VP at 30°.					30	CO1, CO3	L3	

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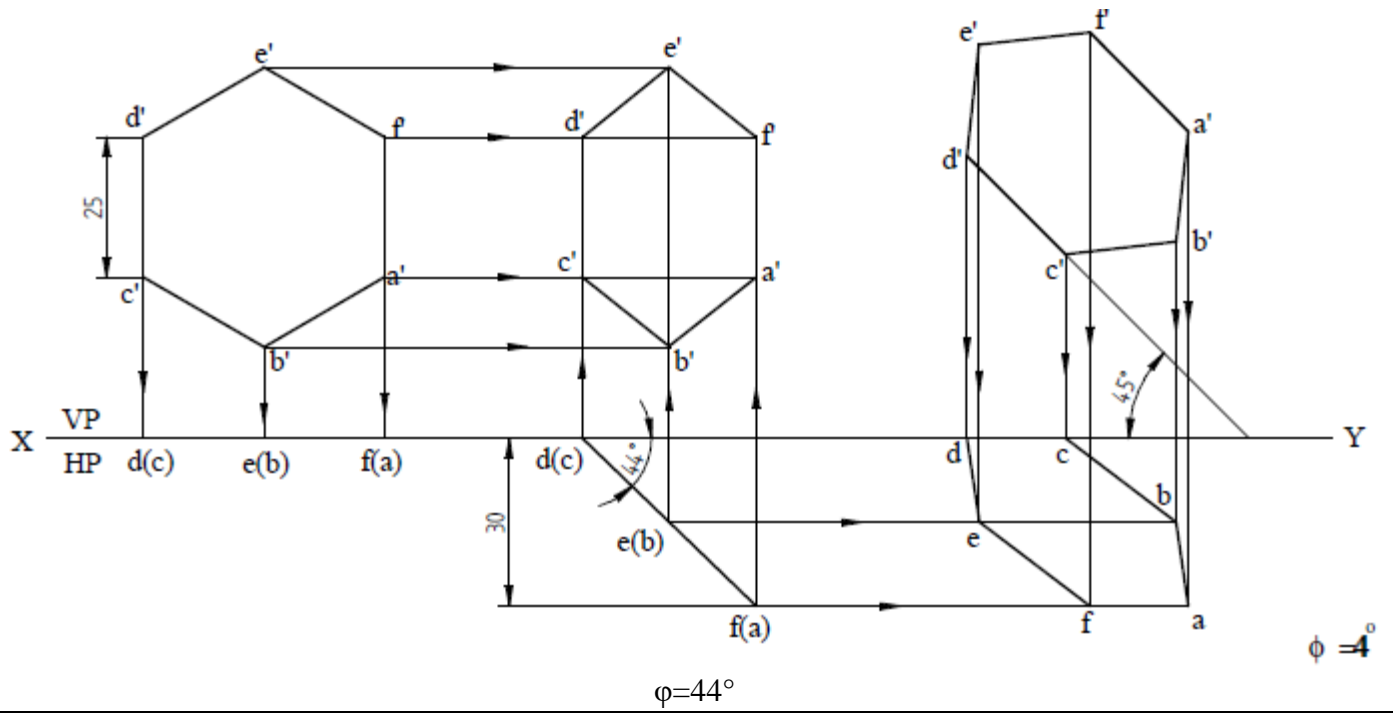
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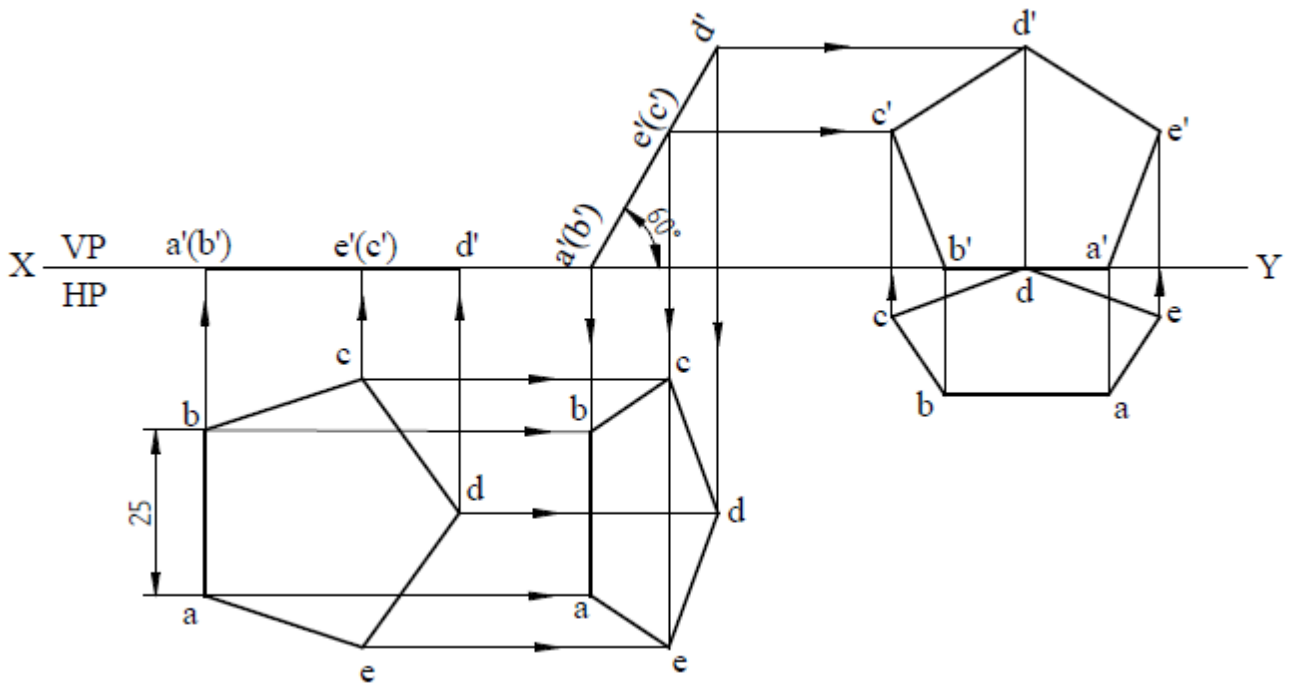
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SOLUTION:

1.



2.



3.

