

Jaypee University of Engineering and Technology, Guna

ENGINEERING DRAWING AND DESIGN

ASSIGNMENT-7

Name : Palash Mishra

Enroll no. : 201B172

Questions:

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1.) Draw the projections of a pentagonal prism, base 25 mm side and axis 50 mm long, resting on one of its rectangular faces on the H.P. with the axis inclined at 45° to the V.P.

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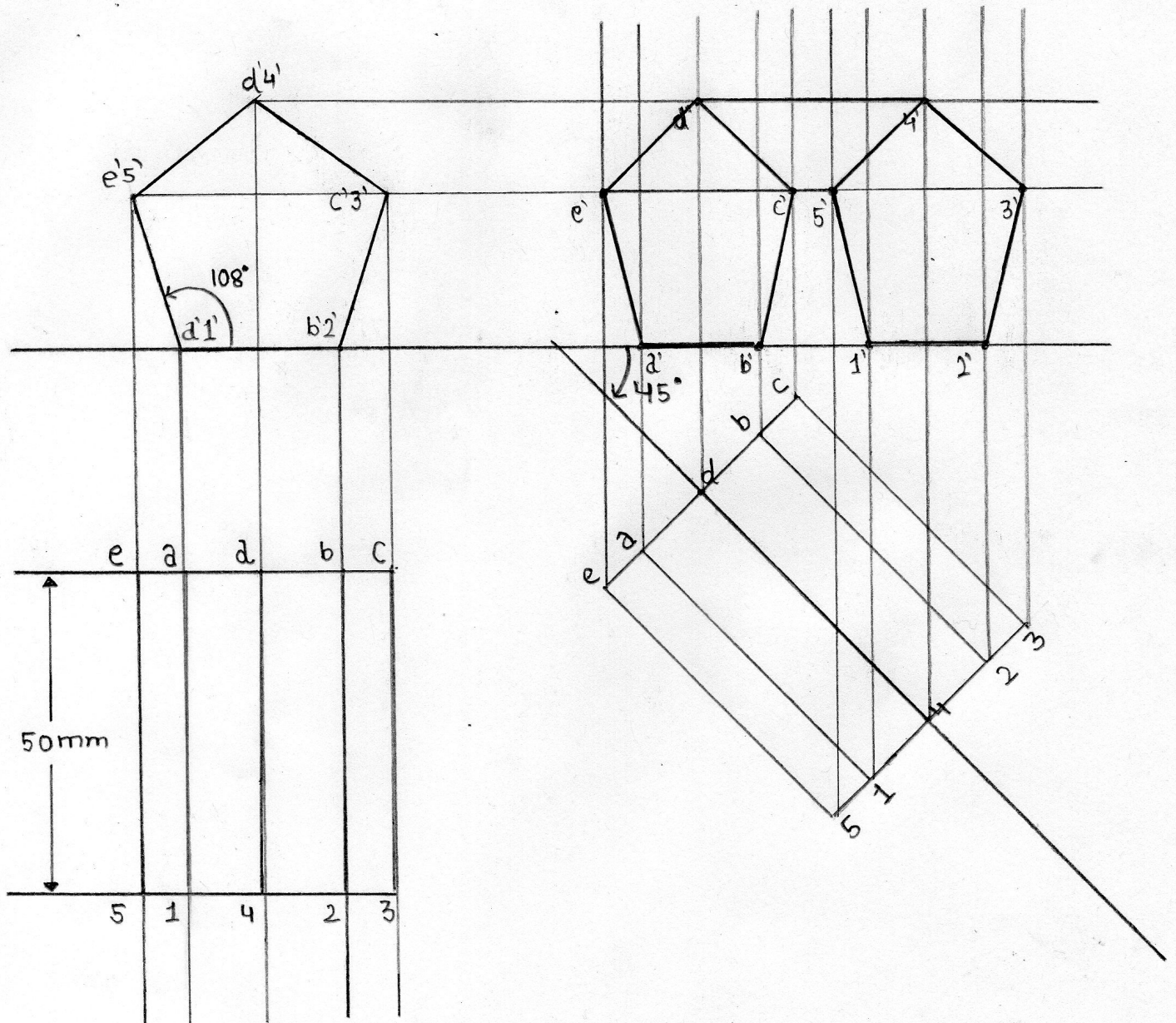
2.) A square pyramid, 40 mm base sides and axis 60 mm long, has a triangular face on the ground and the vertical plane containing the axis makes an angle of 45° with the VP. Draw its projections. Take apex nearer to VP

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3.) A cylinder 40 mm diameter and 50 mm axis is resting on one point of a base circle on VP while it's axis makes 45° with VP and FV of the axis 35° with Hp. Draw projections..

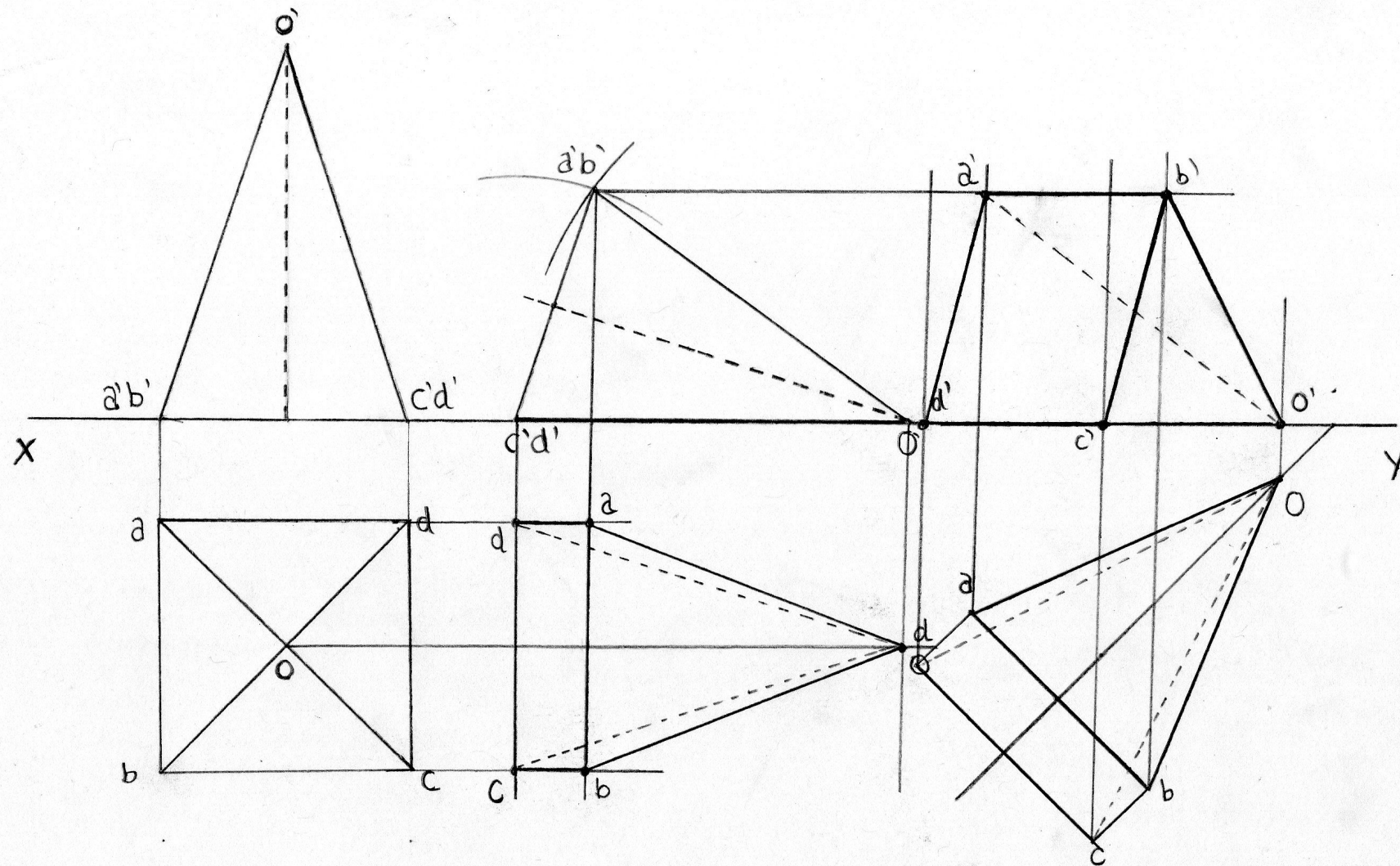
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Solution: 1



Solution: 2

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Solution: 3

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