

GOVERNMENT POLYTECHNIC FOR GIRLS, AHMEDABAD

Department of Architectural Assistantship
Semester – II (Architectural Drawing- II) (3325002)

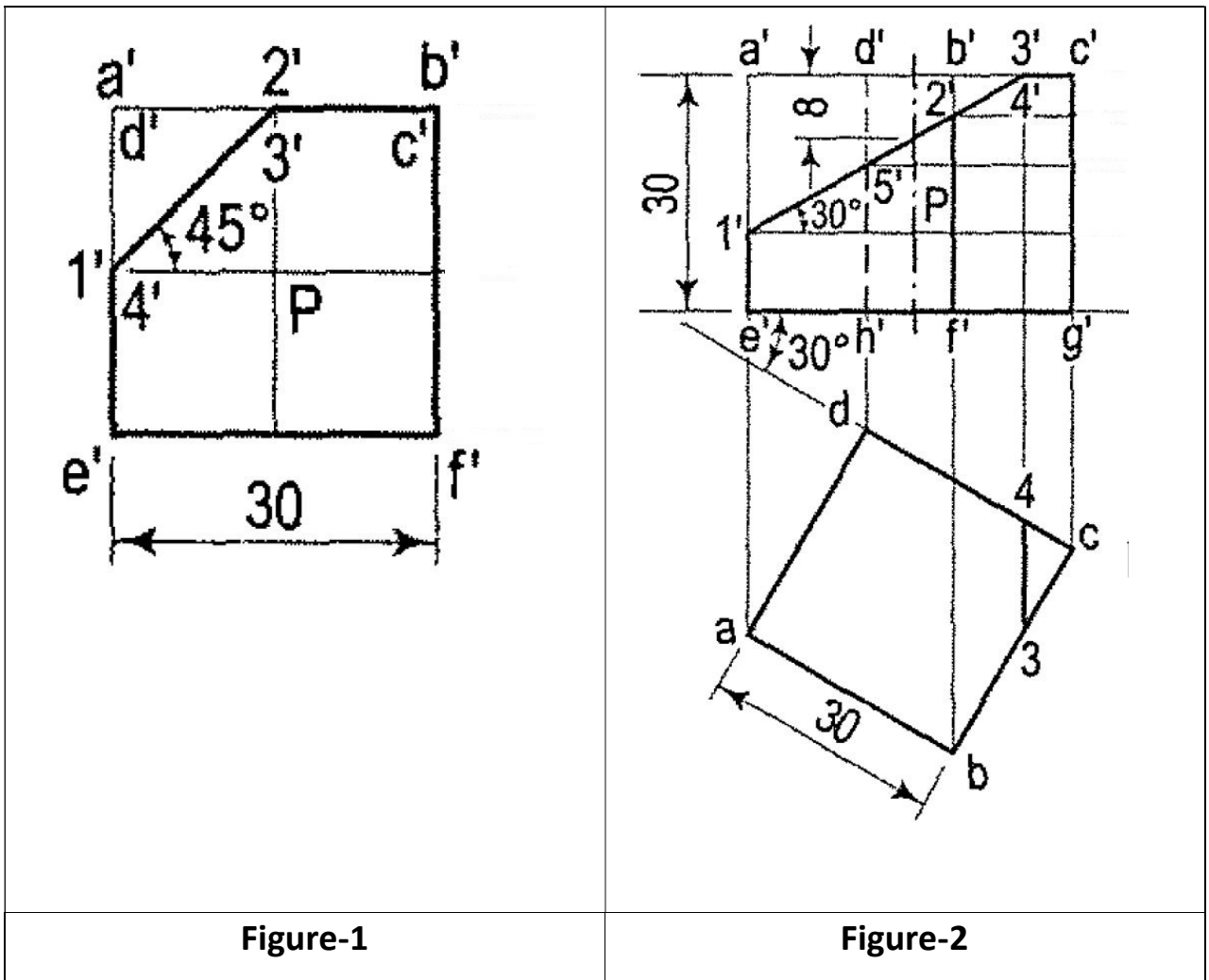
SHEET No: 1 (Development of Surfaces)

Problem-1

Draw the development of the surface of the part 'P' of the cube, the front view of which is shown in **Figure-1**.

Problem-2

Draw the development of the surface of the part 'P' of the cube shown in two views in **Figure-2**.



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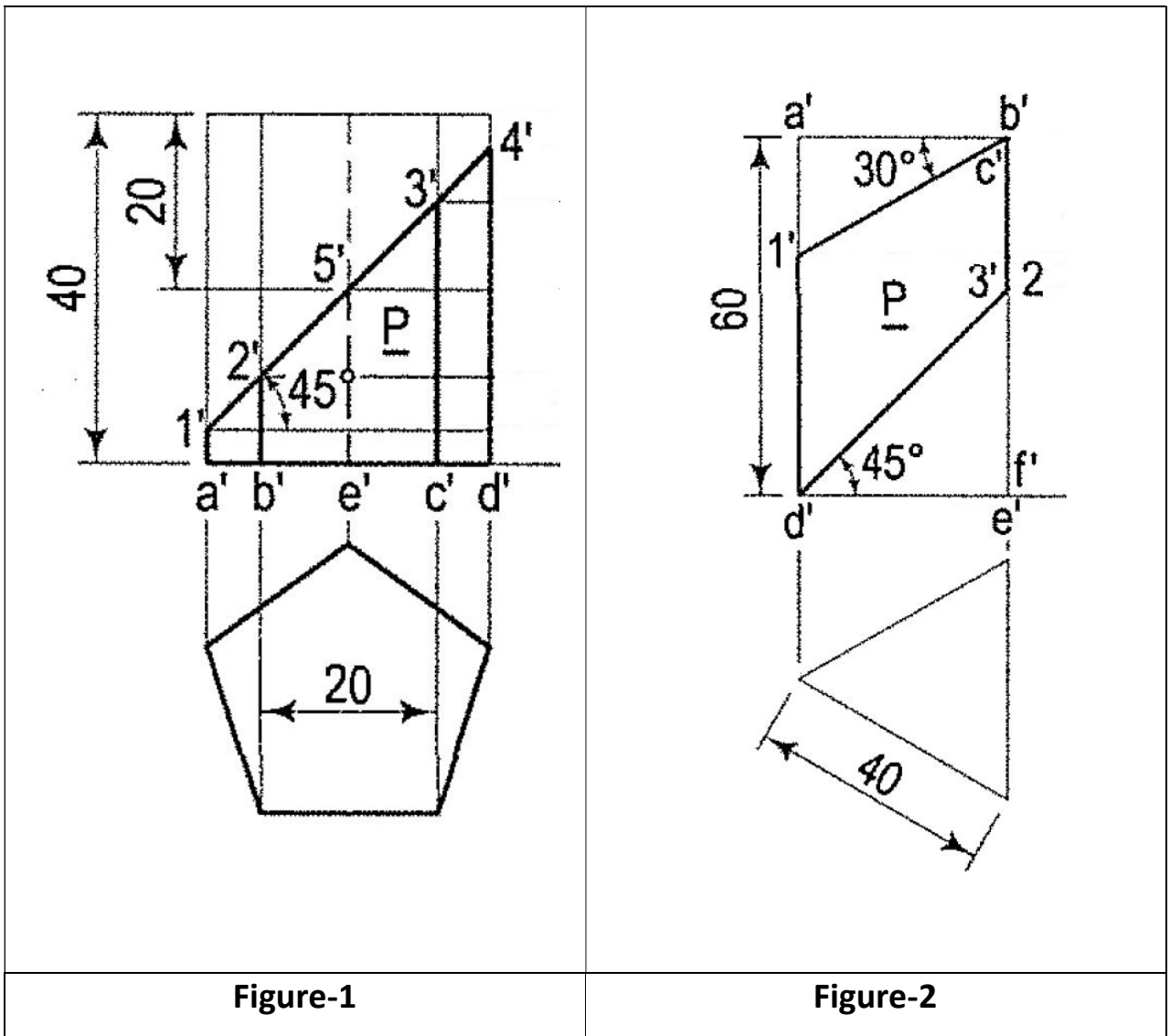
SHEET No: 2 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the pentagonal prism shown in Figure-1.

Problem-2

Draw the development of the lateral surface of the part 'P' of the triangular prism shown in Figure-2.



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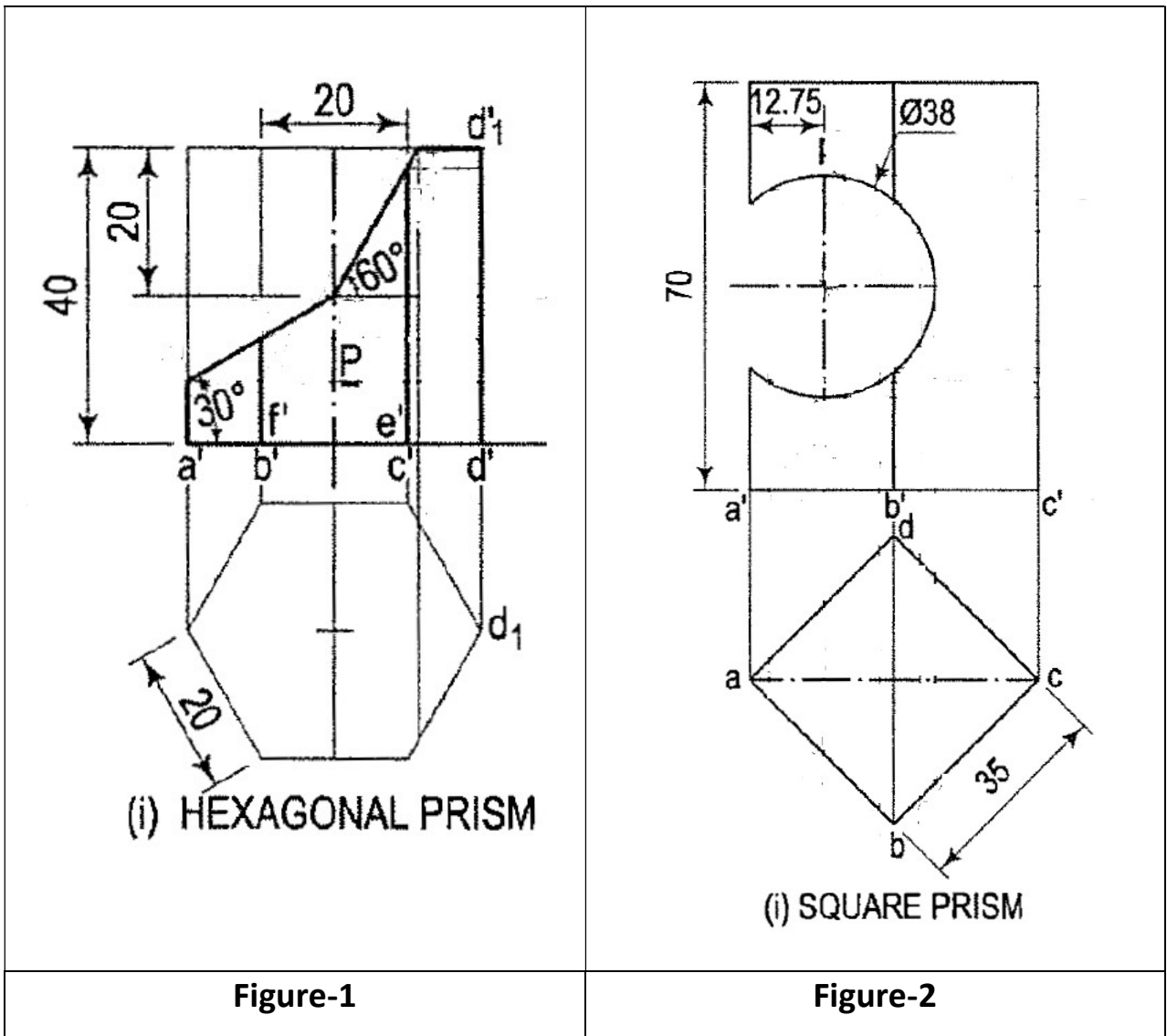
SHEET No: 3 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the hexagonal prism shown in Figure-1.

Problem-2

The projections of a square prism with a hole drilled in it are given in Figure-2. Draw the development of the lateral surface of the prism.



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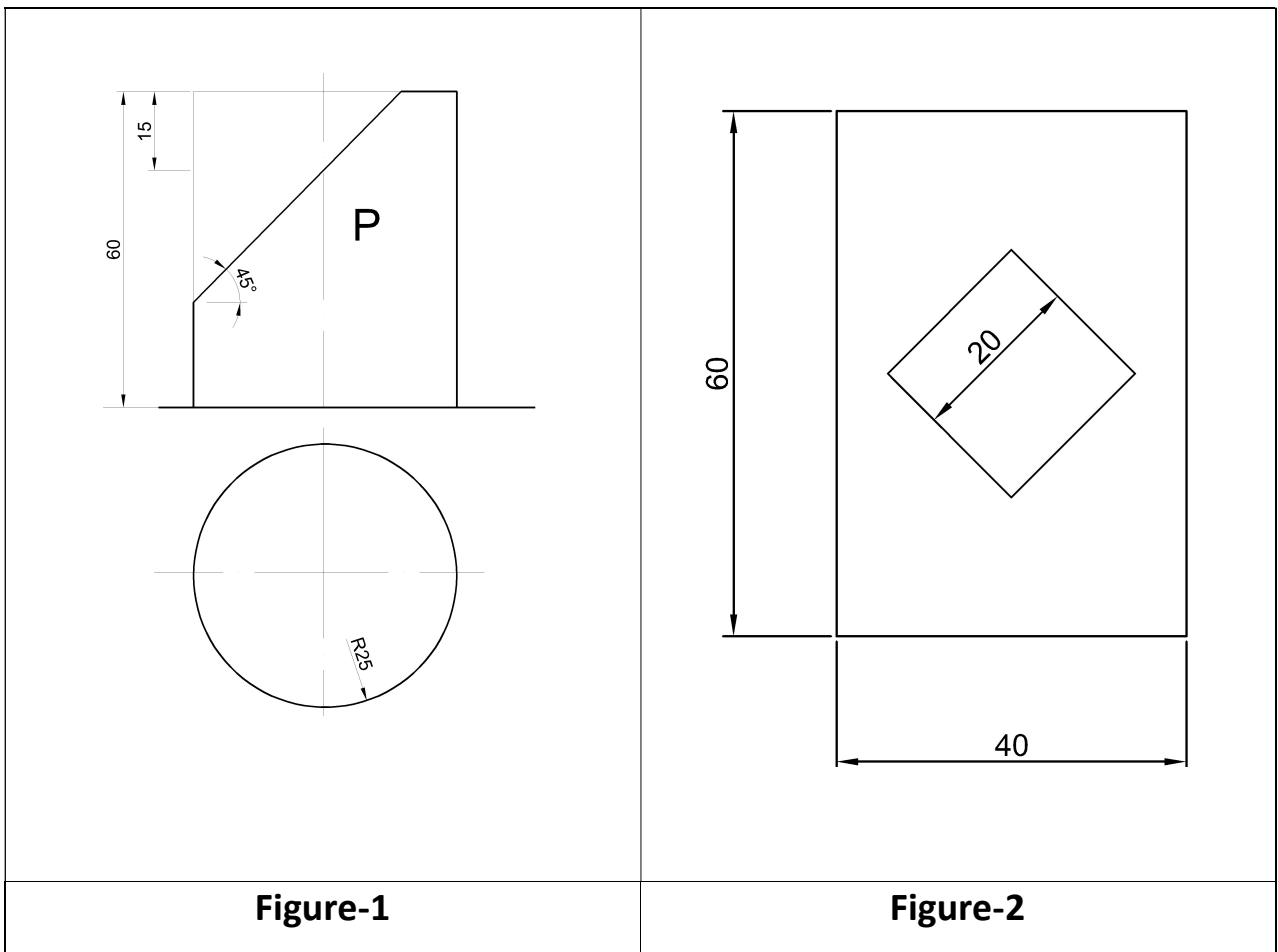
SHEET No: 4 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the cylinder shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the cylinder having a square hole in it as shown in **Figure-2**.



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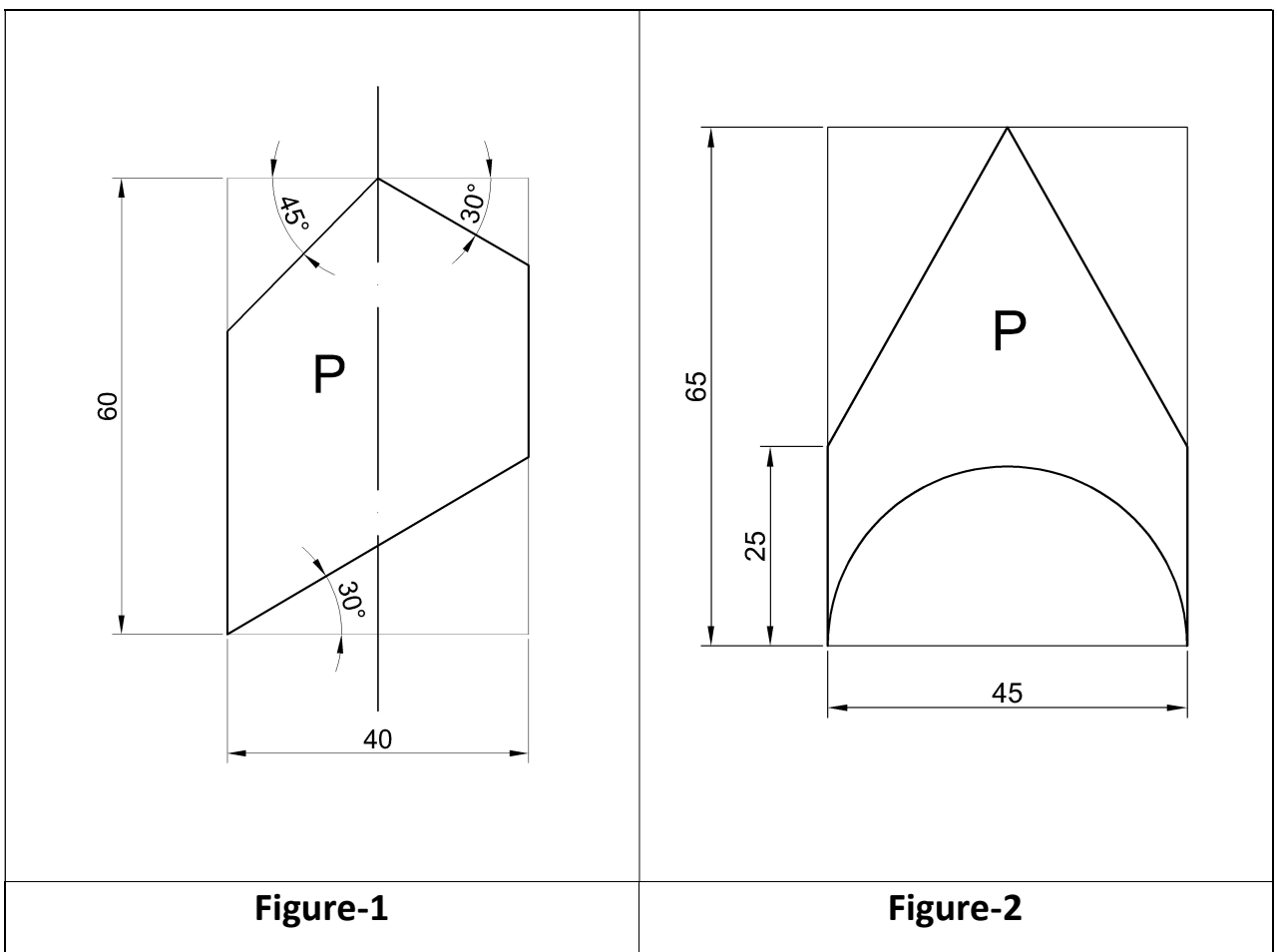
SHEET No: 5 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the cylinder cut by three planes as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the cylinder cut as shown in **Figure-2**.



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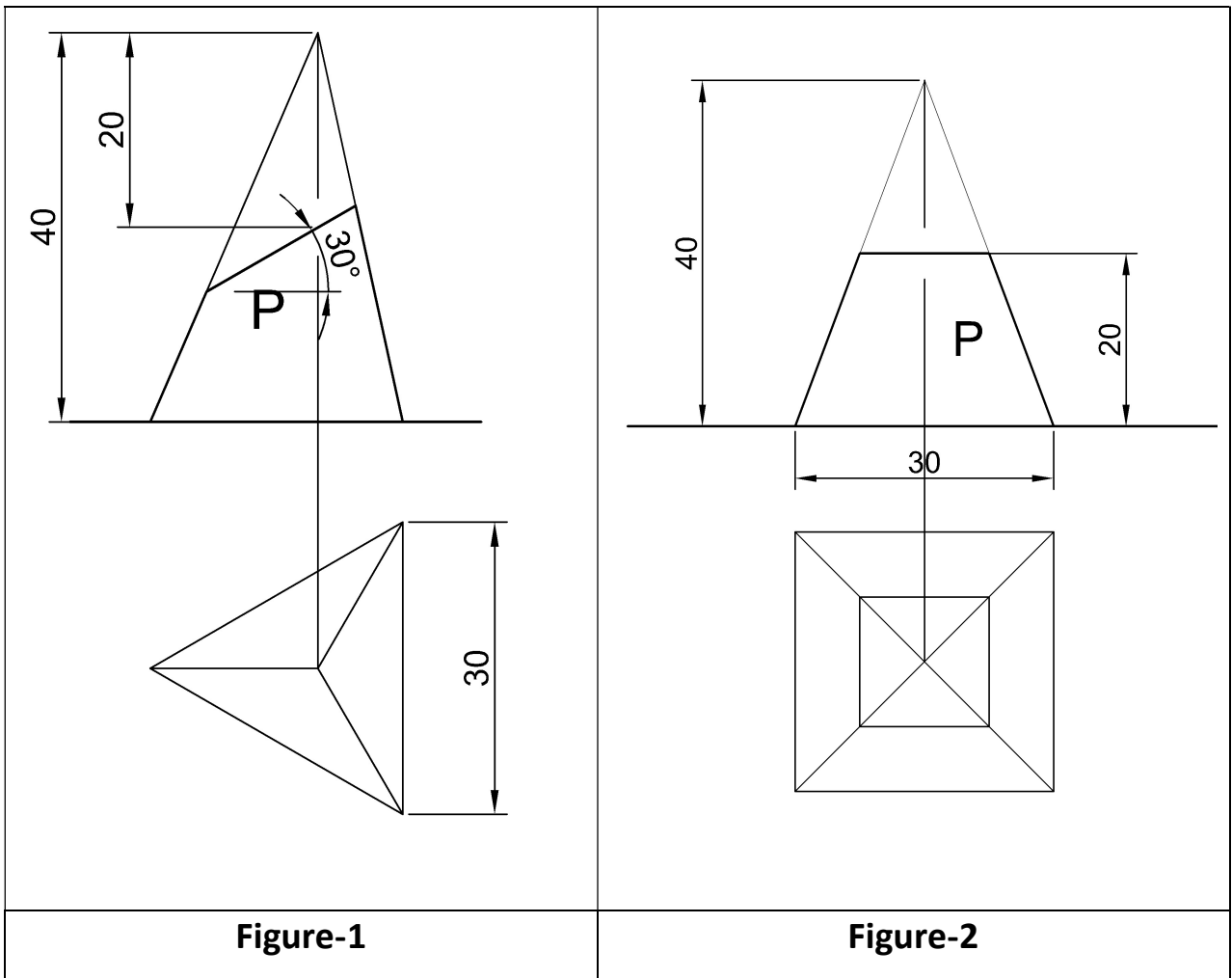
SHEET No: 6 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the triangular pyramid as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the frustum of the square pyramid as shown in **Figure-2**.



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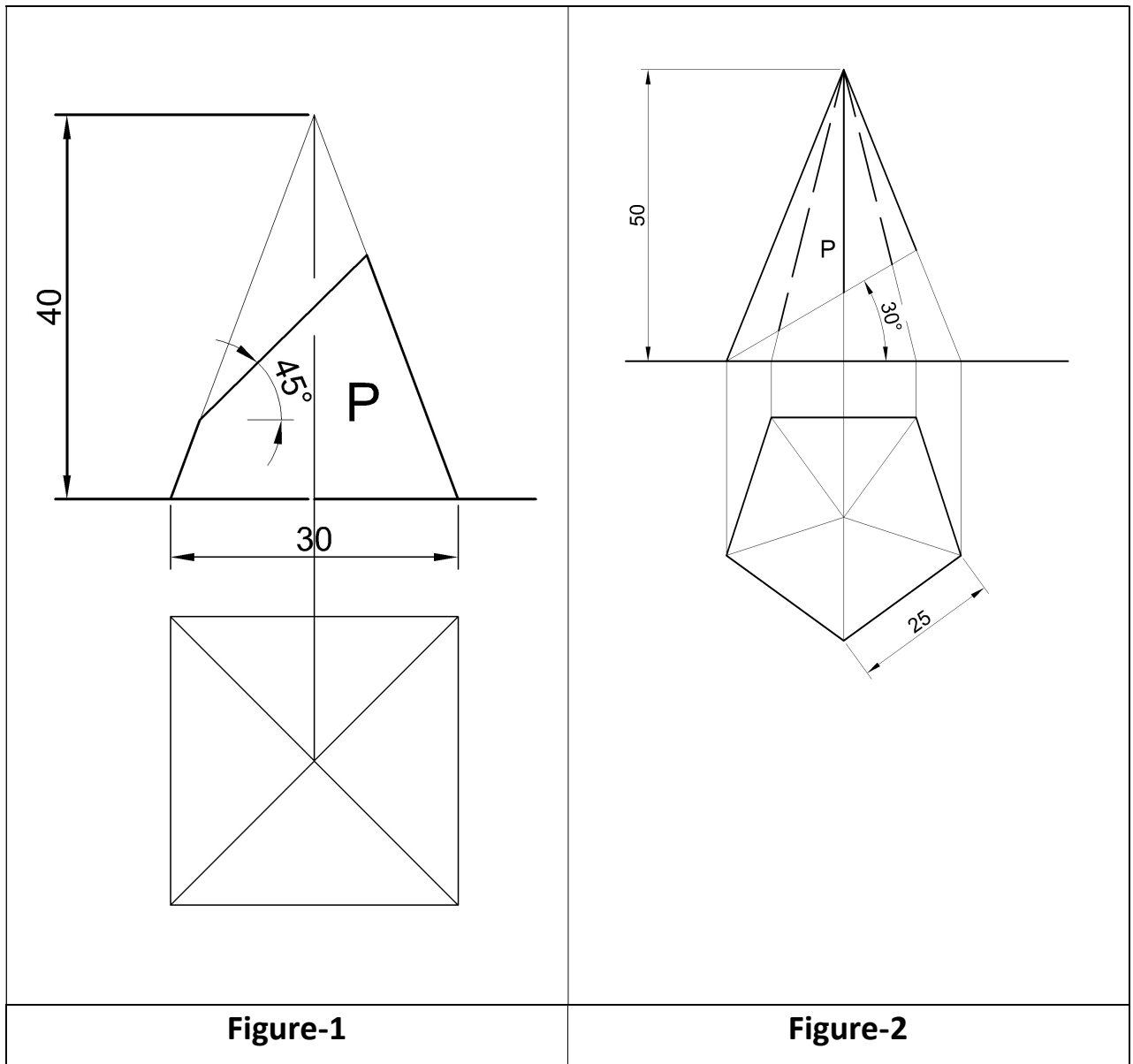
SHEET No: 7 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the square pyramid as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the pentagonal pyramid, the lower part of which is removed as shown in **Figure-2**.



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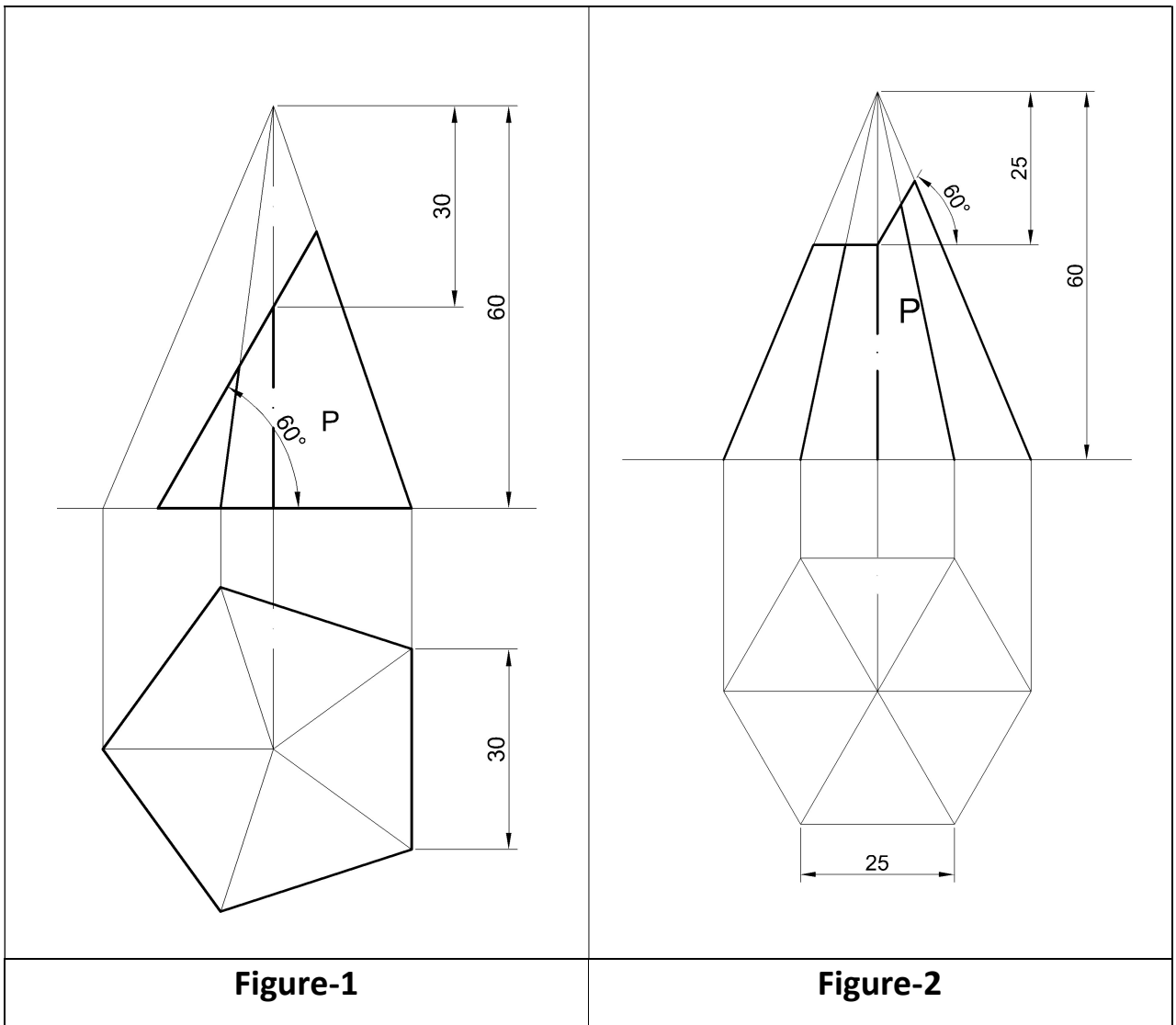
SHEET No: 8 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the pentagonal pyramid as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the part 'P' of the hexagonal pyramid as shown in **Figure-2**.



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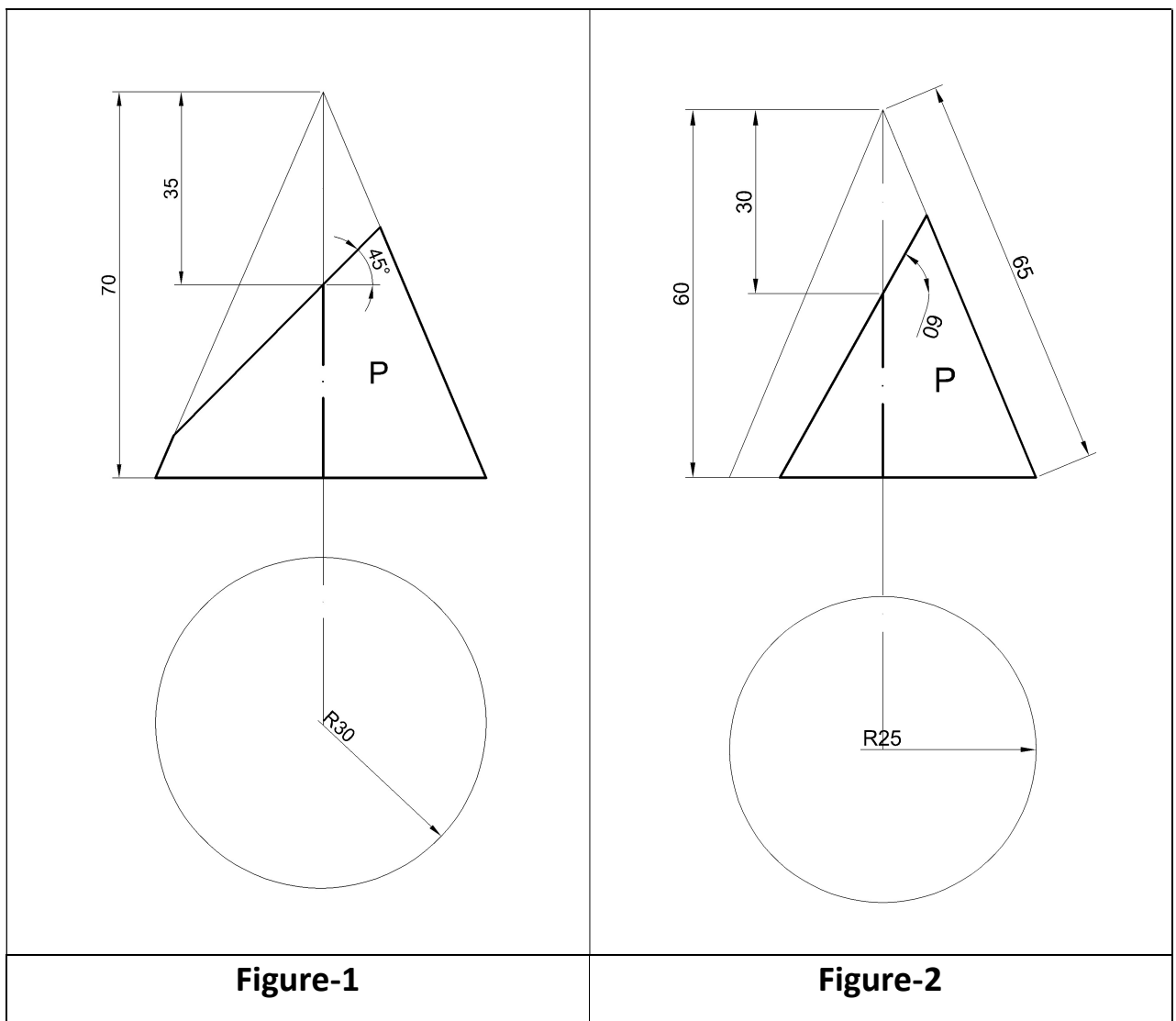
SHEET No: 9 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the truncated cone as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the part 'P' of the cone as shown in **Figure-2**.



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SHEET No: 10 (Development of Surfaces)

Problem-1

Draw the development of the lateral surface of the part 'P' of the cone as shown in **Figure-1**.

Problem-2

Draw the development of the lateral surface of the part 'P' of the cone as shown in **Figure-2**.

