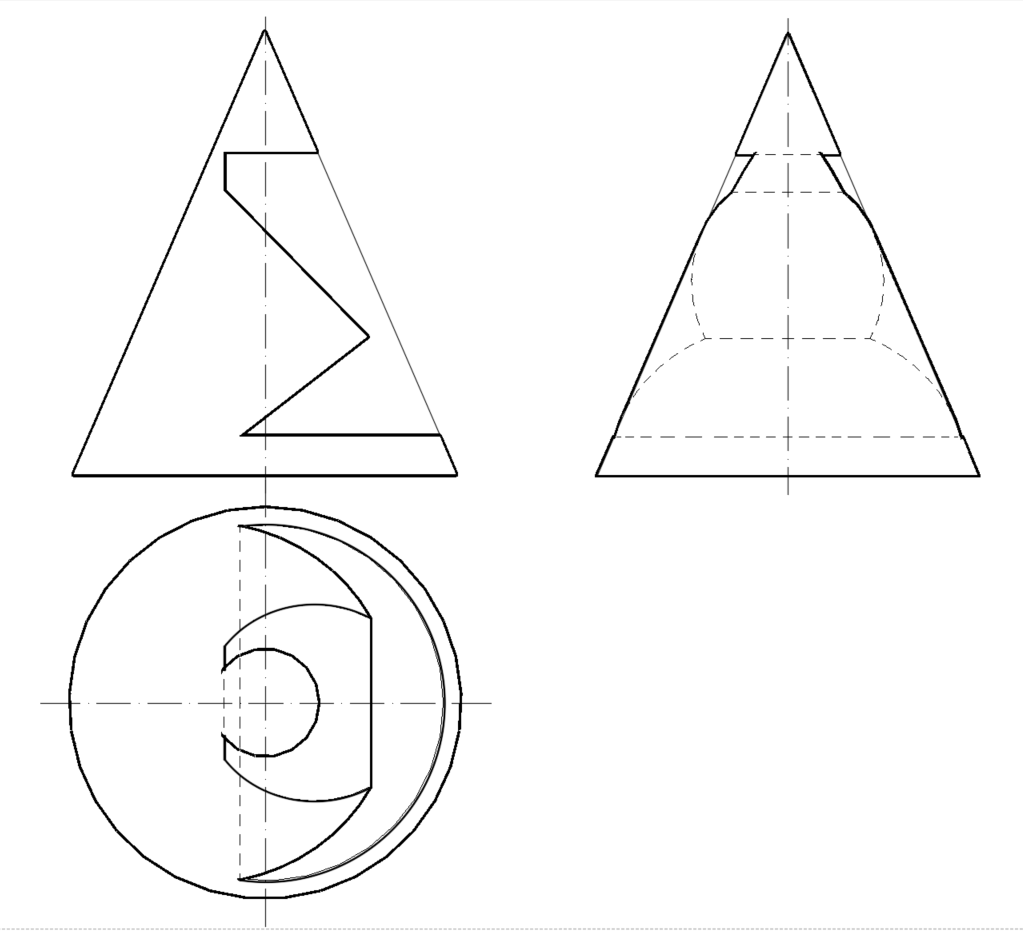
***Result:***

Frontal, horizontal and profile projections of the cone cut with 5 planes (A3 size, scale 1:1)



Answers to questions 1-4:

1. The planes γ and δ are not mutually perpendicular. They intersect within the cone.
2. The planes α and γ mutually intersect out of the solid, so their intersection would break the cone’s outline.
3. Intersection of the planes α and ε is not possible, because they are mutually parallel.
4. Types of sections: α - circle, β - hyperbola, γ - ellipse, δ – ellipse, ε - circle.