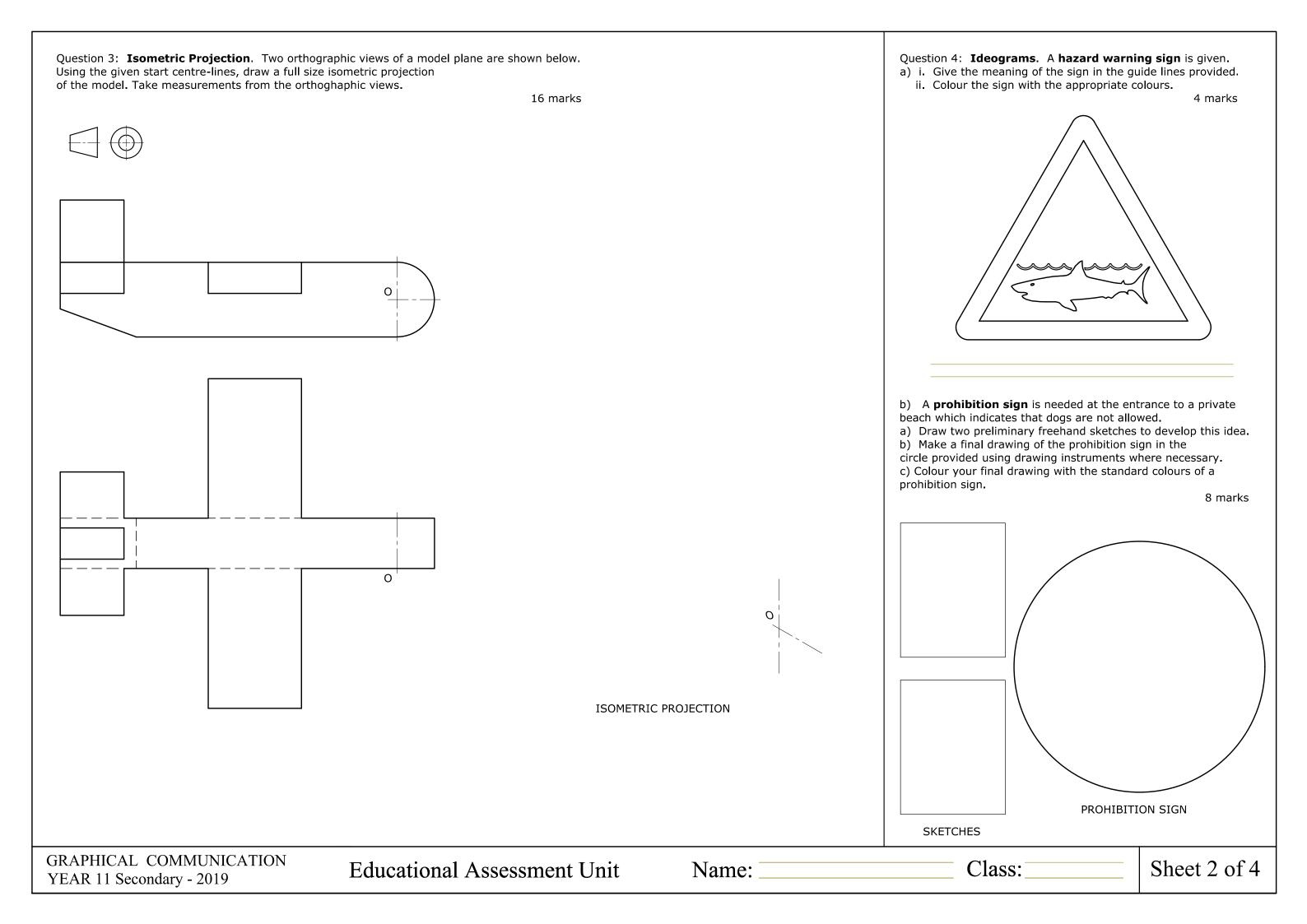


R15

R40

R40



Question 5: **Pyramids**. The drawing shows the development of a cardboard hexagonal pyramid with a line design drawn across it .

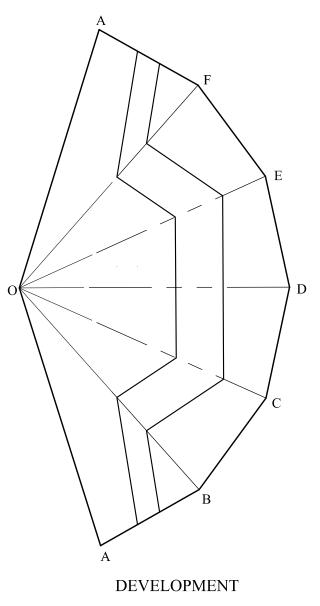
- a) On the given start line BC, complete the plan of the pyramid without the line design.
 b) Draw the front elevation, taking details from the plan and development. Include the line design.
 c) Project the line design on the plan, taking details from the front elevation.

12 marks









Question 6: **Interpenetrations**. A pictorial view, an incomplete front view, an end view and a plan of two cylinders welded together are shown. The cylinders have unequal diameters and their axes are offset as shown in the end view and plan.

Complete the front view showing clearly the construction to obtain the two curves of intersection. Show hidden detail.

Note: Some construction lines are already drawn on the plan.

12 marks

