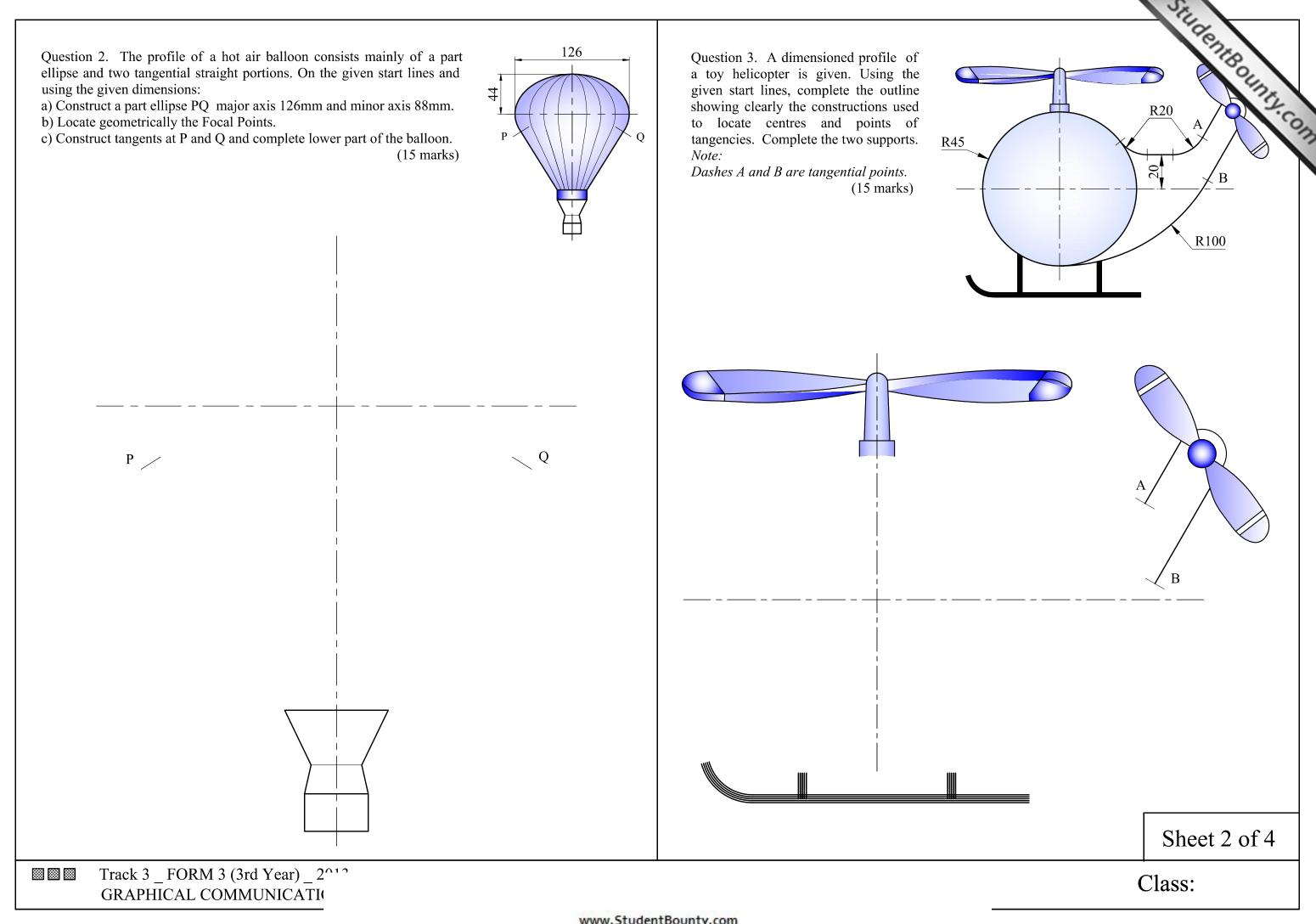
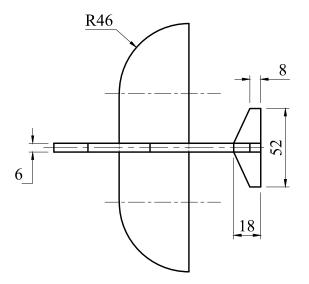
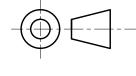
Question 1. An isometric view and an exploded view of a wooden toy aeroplane are shown below. Two orthographic views of the toy are given on the right. In the space provided: a. Project a PLAN view. b. Write the projection angle (1st angle or 3rd angle). c. Draw the projection symbol. Note: Show the five hidden lines in the plan view. (16 marks) **END VIEW** FRONT VIEW PLAN VIEW ANGLE PROJECTION Sheet 1 of 4 PROJECTION SYMBOL Track 3 _ FORM 3 (3rd Year) _ 2^12 Class: GRAPHICAL COMMUNICATION www.StudentBounty.com Homework Help & Pastpapers

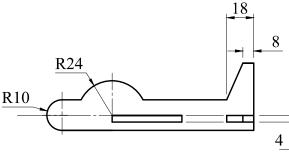


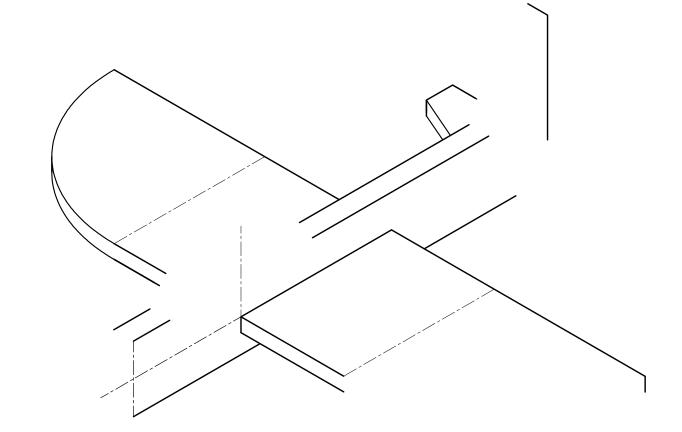
Question 4. Two orthographic views of a Balsa Wood Glider are given on the right. An incomplete isometric view of the glider is given below. On the given start lines and using the given dimensions, complete the isometric drawing.

(16 marks)









Question 5. The three standard ISO pictograms shown below are designed to help travelled way in airports. In the space provided below, design a pictogram that indicates:

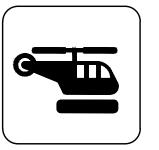
DEPARTING AEROPLANE FLIGHTS

Note: Shade your drawing to match the given pictograms.

(14 marks)



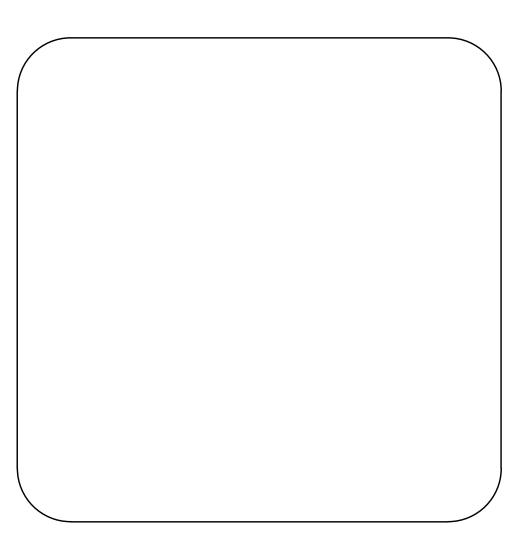




CUSTOMS

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HELICOPTER



DEPARTING AEROPLANE FLIGHTS

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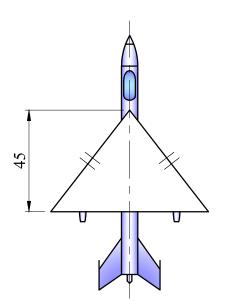
Question 6. The drawing of a military jet is shown on the right. The start lines of the same drawing are given below.

a. Complete the wings of the jet by constructing an isosceles triangle which has a perimeter of 184mm and the vertical height of 45mm.

b. Complete the drawing.

Note: Leave all construction lines visible.

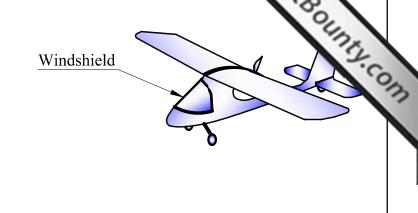
(10 marks)

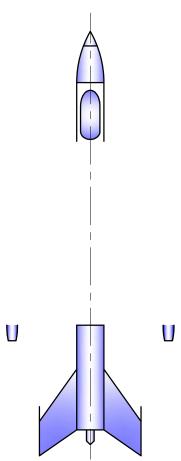


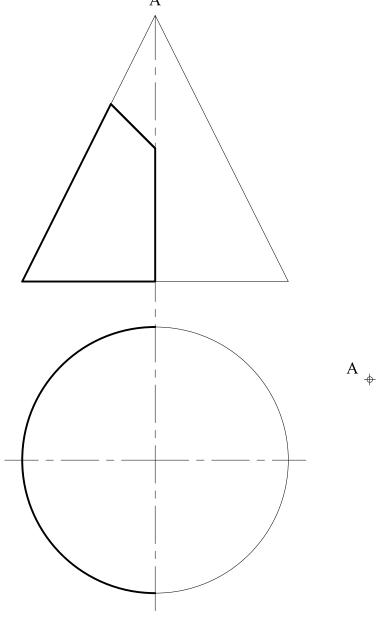
Question 7. The windshield of a model aeroplane consists of a cut cone. A complete front elevation and an incomplete plan of the truncated cone are given below. In the space provided:

- a. Complete the plan.
- b. Construct the surface development of the windshield.

(14 marks)







Sheet 4 of 4

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