QUESTION No.1 Two pictorial views and two orthographic views in first angle orthographic projection of a food processor are shown. a) By projecting lines from the end elevation and plan, draw the front elevation of the food processor as indicated by the arrow. Do not draw the bowl. Show hidden details. b) Label your drawing in neat block letters. c) Draw the symbol of projection. 18 marks SYMBOL OF PROJECTION BOWL PICTORIAL VIEWS **END ELEVATION**

PLAN

Sheet 1 of 4

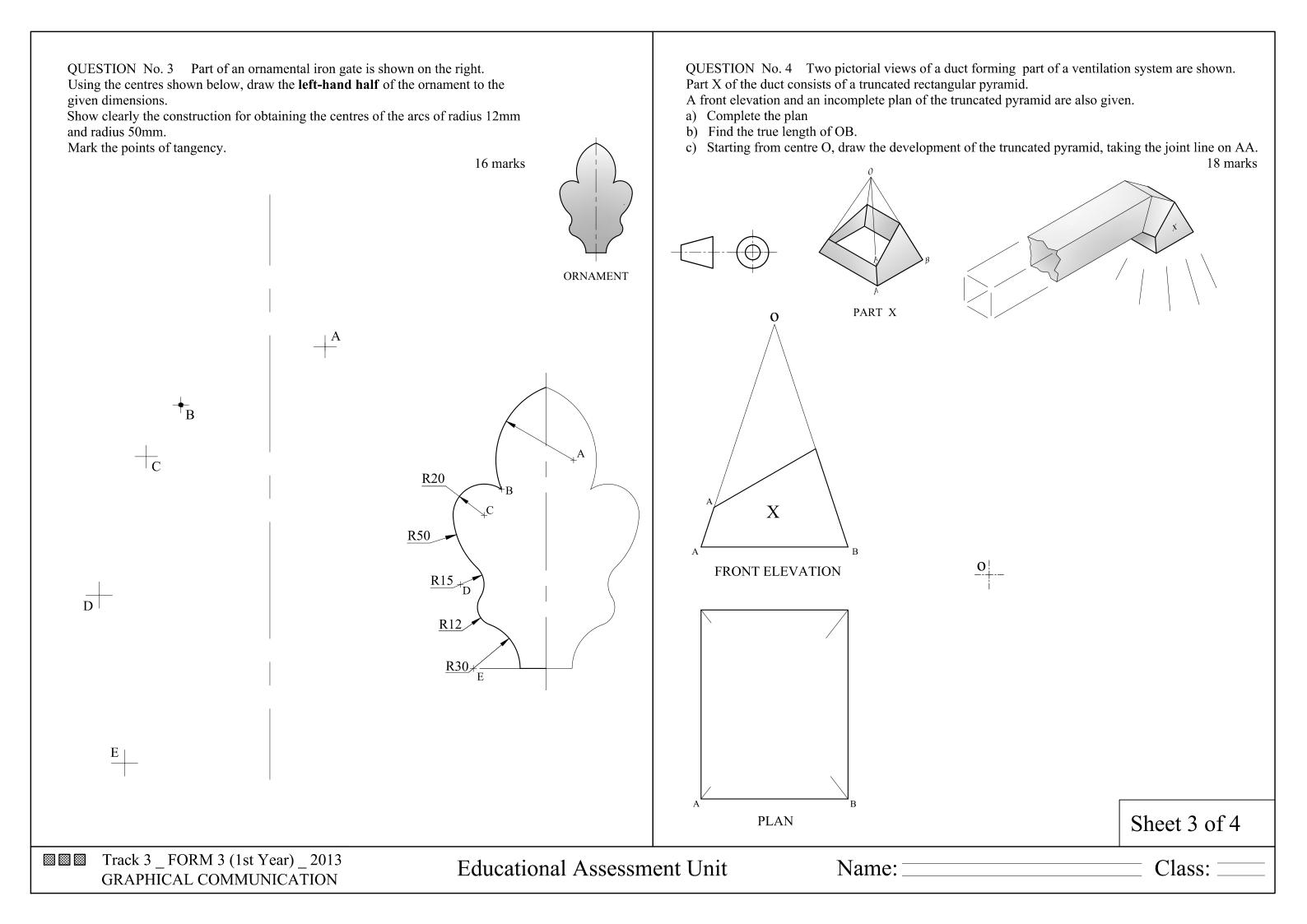
Track 3 FORM 3 (1st Year) 2013 GRAPHICAL COMMUNICATION

Educational Assessment Unit

Name:

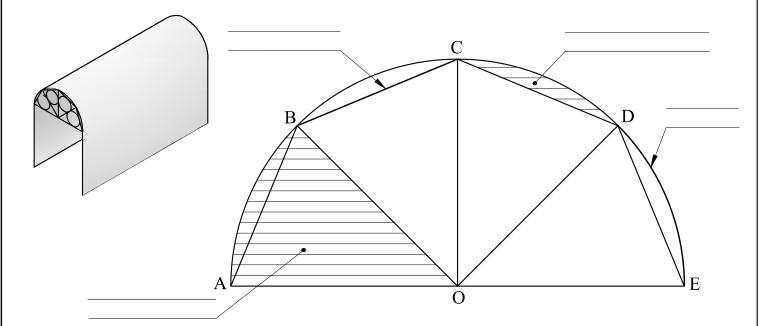
Class: =

QUESTION No. 2 Three orthographic views and an incomplete isometric projection of a toy train are given below. Using the given dimensions, complete the isometric projection of the toy train. 16 marks R20 FRONT ELEVATION END ELEVATION PLAN Sheet 2 of 4 Track 3 _ FORM 3 (1st Year) _ 2013 **Educational Assessment Unit** Class: Name: _ GRAPHICAL COMMUNICATION



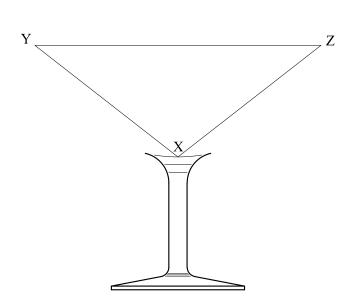
QUESTION No. 5 a) The drawing on the left shows a pictorial view of a passage-way covered by a semi-circular ceiling. Part of the front elevation is given below. i) Print down (in block letters) the names of the following parts of a circle indicated by the arrows and the bullets: line BC; curved line DE; shaded area CD; shaded area AOB. ii) Inscribe a circle in triangle ODE only.

16 marks



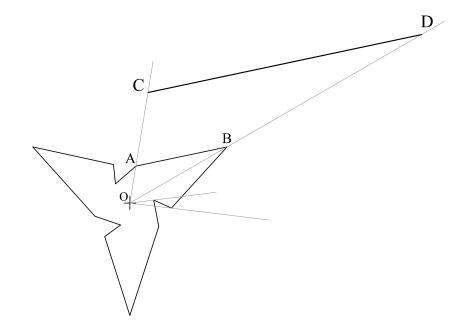
b) Circumscribe a circle around triangle XYZ and complete the drawing of the cup.Lightly colour or shade your drawing.Leave all construction lines.





QUESTION No. 6 The design shown below is to be increased in size. Line AB is already enlarged to CD. By drawing radial lines from O, enlarge the whole figure proportionally.

16 marks



Sheet 4 of 4