1 A package is needed for the new chocolate bar called *CHOK* shown to the right. The package is to:

- hold six bars of chocolate;
- be made from one piece of thin card;
- have a lid, which when opened, allows one bar of chocolate to be taken out at \_ a time;
- be economical in the use of card.

In the spaces indicated:

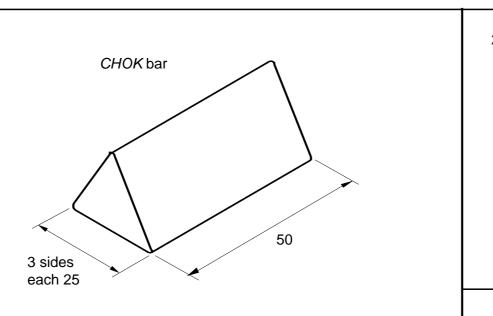
- (a) draw at least two ideas for the package;
- (b) using instruments, draw a full size development of your chosen design for the outside of the package; [14]

[7]

(c) using colour and/or shading, decorate your development of the package. You need not decorate the whole of the package, but it must be clear from your answer what the package will look like. [9]

ANSWER (a) HERE

ANSWER (b) AND (c) HERE



cone

prism

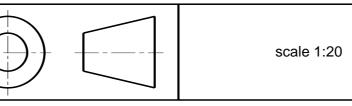
prism

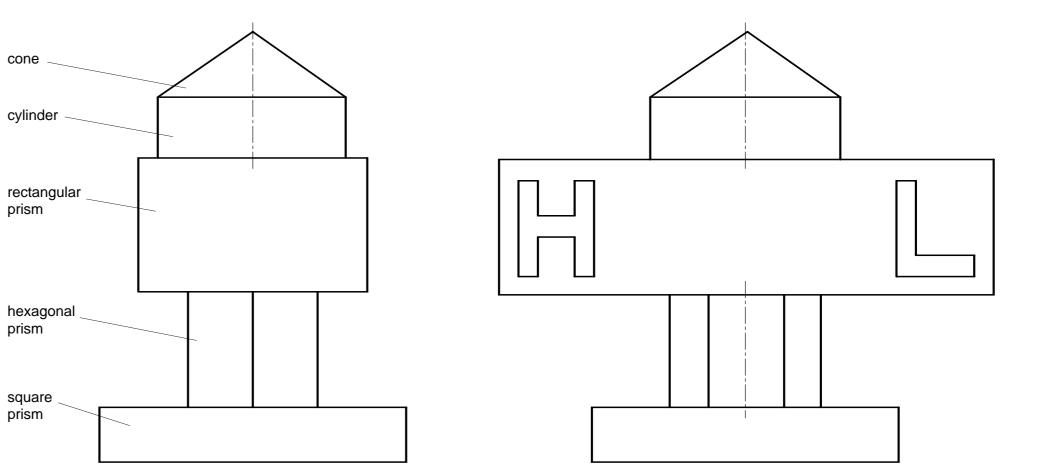
square prism

International General Certificate of Secondary Education UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS		TIME 1 hour		For Examiner's
		Write your surname, other names, Centre number and candidate number in the spaces provided.	Candidate's Surname	use
DESIGN AND TECHNOLOGY	0445/02	Answer any <b>two</b> questions.	Other Names	
DESIGN AND COMMUNICATION	0446/02	Draw your answers in the spaces provided on the question paper.	Centre Number	
Paper 2 Communication	October/November 2005	All dimensions are in millimetres.	Candidate's Number	
	1 hour	The number of marks is given in brackets [ ] at the end of each question or part question.	[Turn over	
© UCLES 2004	SJF3554/CG S76927			

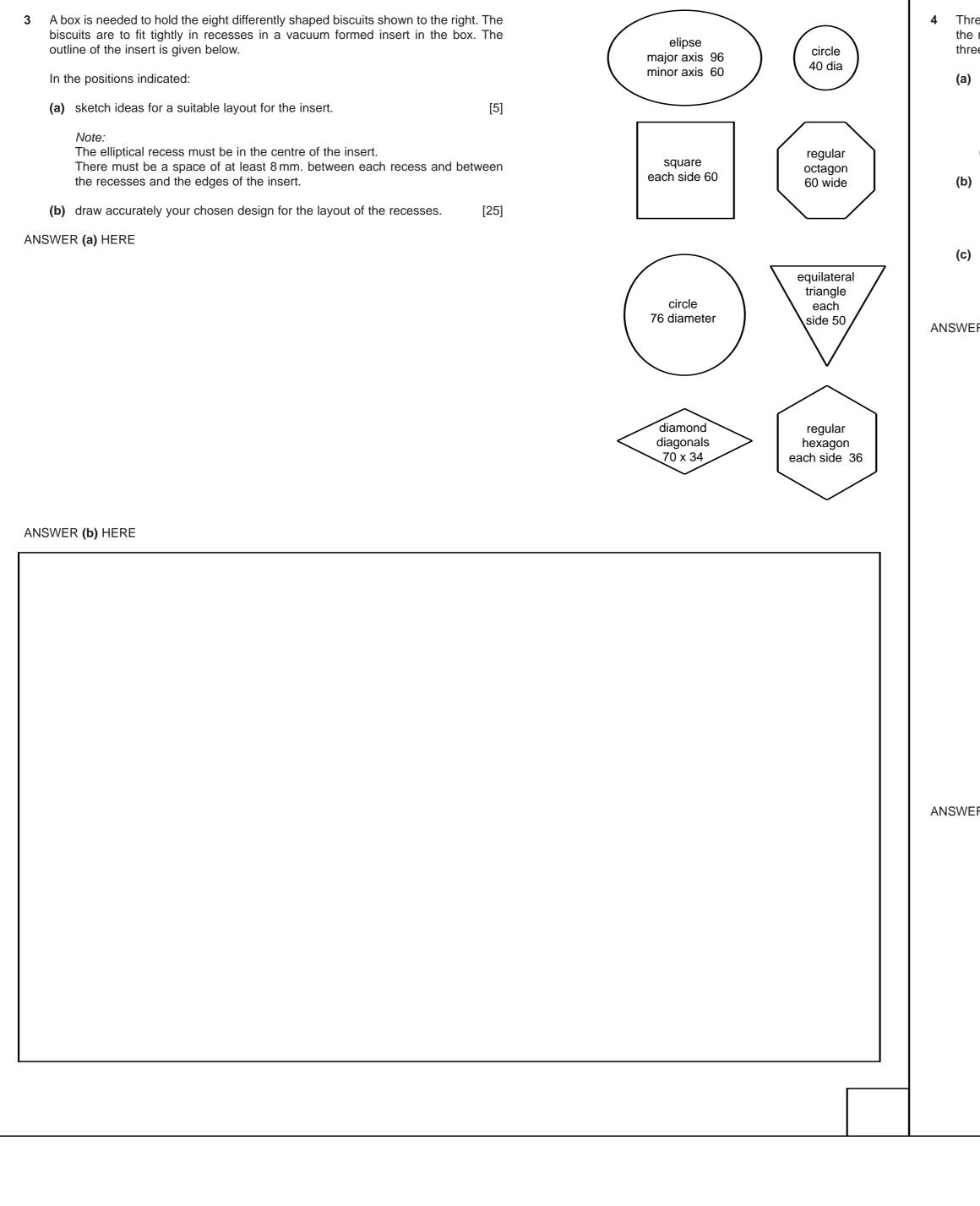
2 Third angle orthographic views of a concrete sign for a hotel are given below. The word HOTEL is painted on the front of the sign.

- (a) Complete the word HOTEL on the given front view, using a similar style of letters as the **H** and **L**. [7]
- (b) Project a plan view of the sign above the given front view. Show all hidden detail. [15]
- (c) Fully dimension the orthographic drawings. [8]





www.trenepapers.com



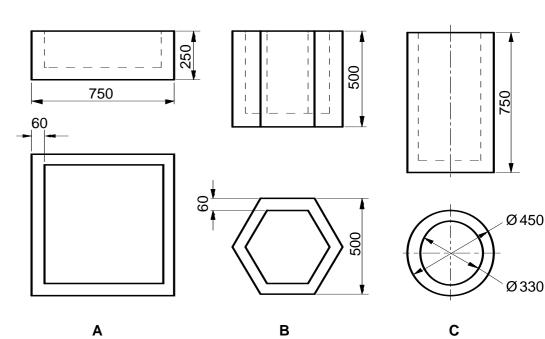
4 Three concrete pots **A**, **B** and **C** are shown in the orthographic views to the right. Trees and shrubs are to be planted in an arrangement of the three pots.

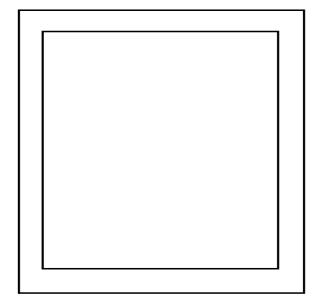
(a) The geometrical name of pot **A** is square prism. Give the geometrical name of:

(b) In the space indicated, complete a scale 1:10 plan view of an arrangement of the three pots. Arrange the pots so that each pot is on the ground and touches the other two. The plan of pot **A** is given. [10]

(c) In the space indicated, sketch freehand in good proportion, a pictorial view of your chosen arrangement of the three pots as shown in (b). Pot A is to be at the front.

ANSWER (b) HERE





ANSWER (c) HERE