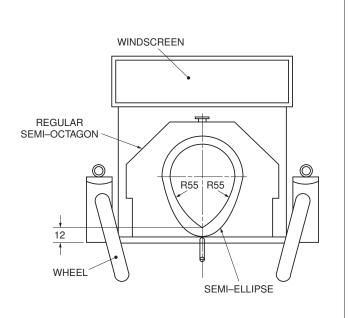
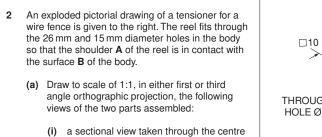
1 An advertisement for a National Car Museum is to include an illustration of an old car shown in the sketch to the right.

Complete the full size drawing of the illustration below by:

(a)	drawing the other wheel;	[5]	
(b)	drawing the semi-octagon;	[5]	
(c)	constructing the semi-ellipse;	[5]	
(d)	constructing the two inner arcs of the radiator;	[5]	
(e)	drawing the letters ${\bf N}~{\bf C}~{\bf M}$ in a suitable style on the windscreen of the car;	[7]	
(f)	colouring part (e) only.	[3]	





[7]

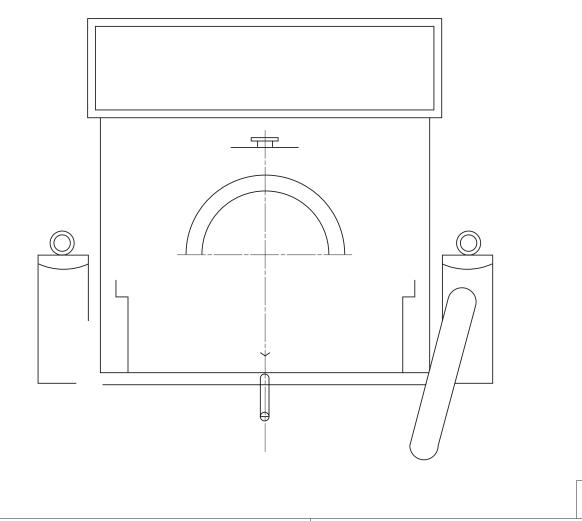
of the body looking in the direction of the arrow **S**; [13] (ii) the end view looking in the direction of the arrow EV; [8]

(iii) the plan.

Hidden detail is not required in any view. Dimensions not shown are left for you to decide.

(b) In the space indicated, draw the symbol for the angle of projection you have used for your drawing. [2]

105 □10 🗸 .30 THROUGH HOLE Ø6 Ø25 BODY METAL 3 THICK EV



International General Certificate of Secondary Education UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

DESIGN AND TECHNOLOGY PAPER 2 Communication

0445/02

MAY/JUNE 2(~ 1 ł

SP (CW) S614

© UCLES 2004

TIME 1 hour

Write your surname, other names, Centre number and candidate number in the spaces provided.

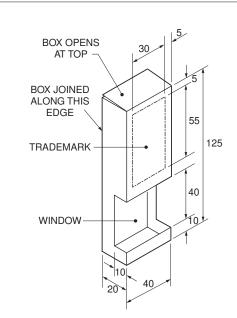
Answer any two questions.

Draw your answers in the spaces provided on the question paper.

Candidate's Surname .. Other Names.. Contro Numbor

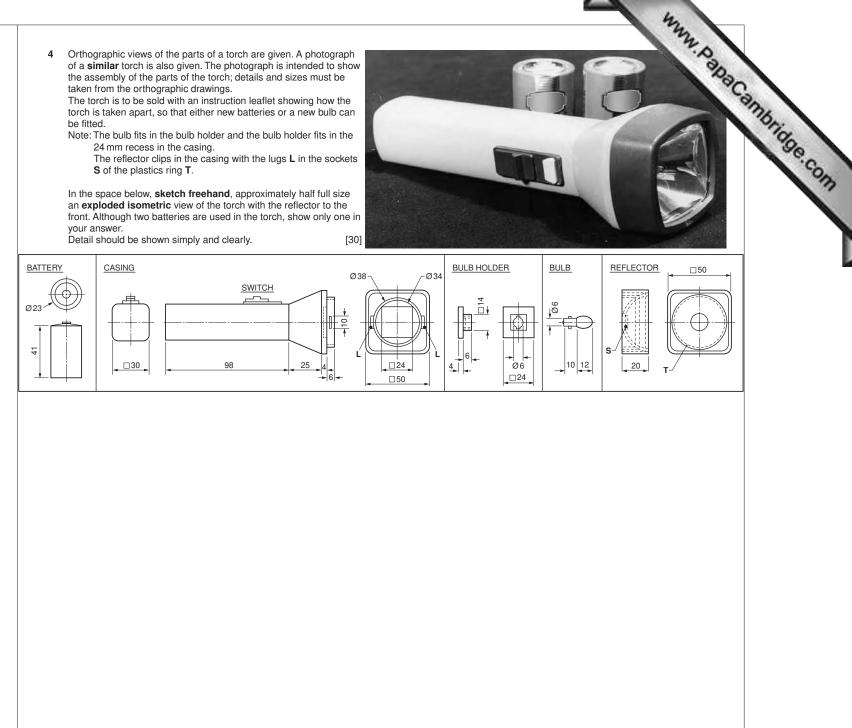
4	
REEL 33 Ø15 Ø26 30 □60	20 52
Ø 10 30 26 17 R13 Ø 15 50	20 52
DRAW THE SYMBOL FOR THE ANGLE OF PROJECTION USED HERE.	
	For Examiner's use
[Turn over	

- **3** A thin card package for a child's toothbrush is shown to the right. The package is to have the company trademark in the rectangle indicated on the front. The name of the company is **ROCKET**. There is a window in the front of the package through which the toothbrush can be seen. In the answer spaces indicated:
 - (a) sketch two ideas for the trademark which must represent the name of [4] the company;
 - (b) complete the full size, one-piece development of the package. Part of the front of the package has been drawn for you. Include all gluing and [18] other flaps;
 - (c) draw accurately your chosen design for the trademark on the [5] development;
 - [3] (d) colour the trademark only.
- ANSWER (a) HERE



the assembly of the parts of the torch; details and sizes must be taken from the orthographic drawings.

24 mm recess in the casing.



ANSWER (b) HERE

depa

artment of	the University	of Cambridge.	