

MARK SCHEME for the May/June 2008 question paper

0445 DESIGN AND TECHNOLOGY

0445/02

Paper 2 (Graphic Products), maximum raw mark 50

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Page 2	Mark Scheme	Syllabus
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- A1** Accuracy and proportion of:
- D** (1)
 - S** (1)
 - O** (1)
 - N** (1)
 - Spacing (1)
 - Height (1) [6]
- Border complete 250 x 50 (1) [1]
- Semicircle (1)
- Radius 25 and correct orientation (1) [2]
- A2** Hexagon – 6 sides (1)
- Regular – 30 sides (1)
- Diamond (1)
- 50 x 60 diagonals at 90° (1)
- Triangle (1)
- 50 equilateral (1) [6]
- A3 (a)** Distance support correct size (1)
- position 90° to panel (1) [2]
- (b)** Display card correct size (120) (1)
- drawing in central position (105) (1)
- parallel to panel (1) [3]
- (c)** Phone pocket correct size (1)
- central position (1) [2]
- (d)** Additional card inside dist support (1)
- Correct angle to brace (1) [2]
- (e)** Strut aligned with panel and top (1) [1]

[Total: 25]

Page 3	Mark Scheme	Syllabus
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- B4 (a)** Overall width 120/124 (2)
Overall length 350/360 (1)
Back panel square (2)
Octagon shape (1)
Regular/equal sides 50 (2)
- Hex end same O/L length as width (1)
Hex cut out (1)
Cut-out same orientation as sketch (1)
3 equal sides 60 x 120° (3)
- Glue tabs (min 2) (2)
Suitable width of tabs (1)
Position of tabs on hex end (1)
Fold lines (2) [20]

- (b)** Modification to correct end (Pr 0–2) (2)
Slot or similar (Pr 0–2) (2)
No adhesive (1) [5]

[Total: 25]

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- B5 (a)** *Check box opens and closes*
decision box (1)
Y and N (1)
loop (1)
- Pick up plastic moulded tray*
activity box (1)
content (1)
- Fill tray with correct items*
activity box (1)
content (1)
- Check all items are correct*
decision box (1)
Y and N (1)
loop (1)
- Insert tray into box*
activity box (1)
content (1)
- Close box*
start/stop box (1)
content (1)
- All in correct order (2) [16]
- (b)** (draft) to allow the plastic to be removed (1) [1]
- (c) (i)** suitable pictogram showing:
battery on charge Pr 0–2 (2)
10 Hrs max time Pr 0–2 (2) [4]
- (ii)** suitable pictogram showing:
Disposal Pr 0–2 (2)
Not by burning Pr 0–2 (2) [4]
- [Total: 25]