2008 Graphic Communication

Intermediate 2

Finalised Marking Instructions

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Question 1

(a) CAD, Computer Aided Drawing, Computer Aided Draughting **1 mark**

(b) DTP, Desktop Publishing **1 mark**

(c) Illustration **1 mark**

(d) Any three from the following:

- quicker to produce (printing of many copies)
- use of Internet to advertise
- less storage space
- more professional looking documents
- ease of editing existing documents
- use of document templates
- easier to transfer drawings
- easier to share drawings etc
- environmentally friendly because ..... **3 marks**

Total 6 marks

Question 2

(a) (i) Fillet **1 mark**

(ii) Ring/Polar Array **1 mark**

(iii) Scale, Zoom **1 mark**

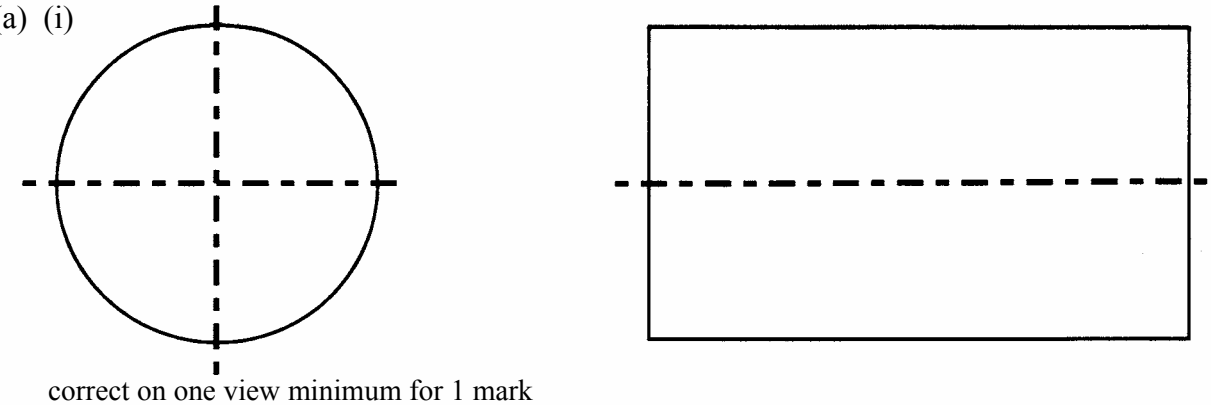
(iv) Rectangular array **1 mark**

(b) Library **1 mark**

Total 5 marks

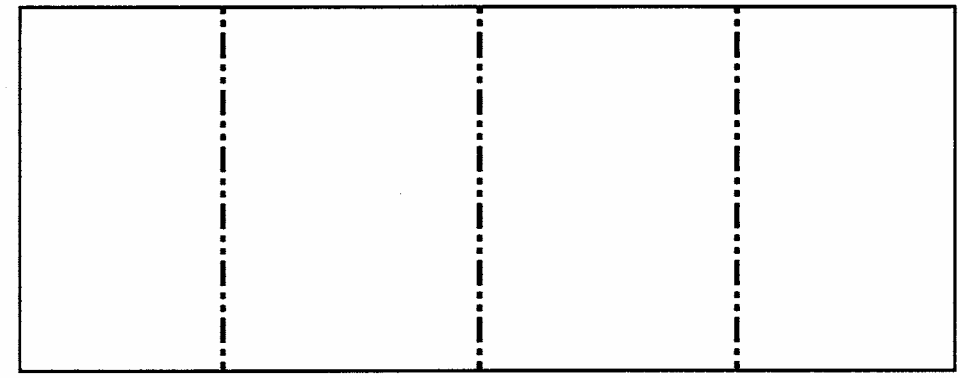
Question 3

(a) (i)



correct on one view minimum for 1 mark

(ii)



(b) (i) AC

(ii) AF

1 mark each **4 marks**

Question 4

Any three from the following:

- header/heading
- footer
- column/body text
- gutter
- margin
- sub heading
- rule
- fully justified
- folio. **3 marks**

Notes for drawing questions:

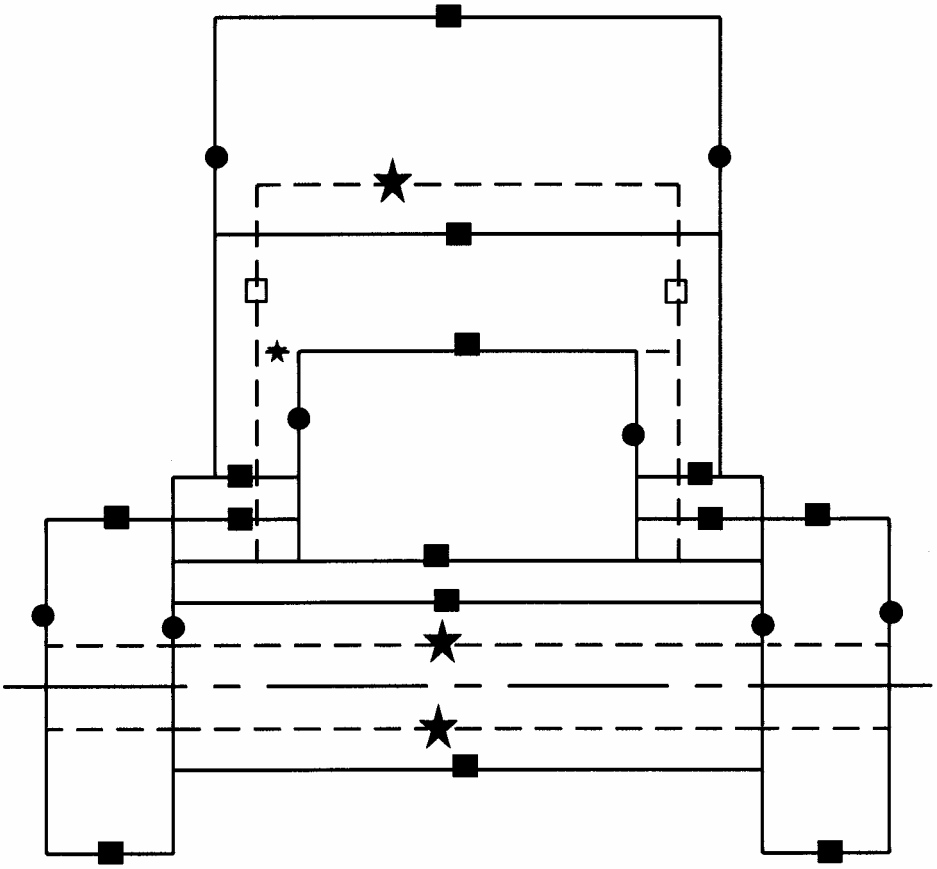
- Tolerances for all drawings +/- 1mm

- When marking drawings, all markers must operate the **"follow-on rule"** and ensure that candidates are **not** penalised twice.

- Marks should be entered in the appropriate place and no other comments added to the candidates scripts.

Question 5

End Elevation



(a) 14 lines marked ■ **4 marks**

12 – 14 lines	4 marks
10 – 11 lines	3 marks
8 – 9 lines	2 marks
5 – 7 lines	1 mark

(b) 8 lines marked ● **3 marks**

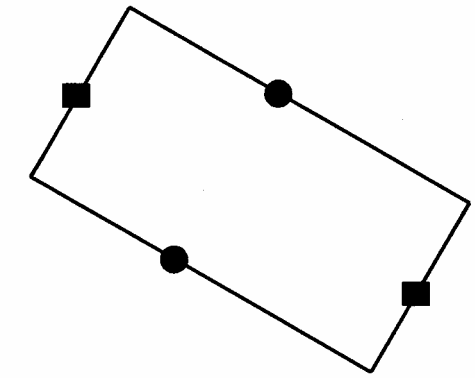
7 – 8 lines	3 marks
5 – 6 lines	2 marks
3 – 4 lines	1 mark

(c) 4 hidden lines marked ★ **2 marks**

3 – 4 lines	2 marks
2 lines	1 mark

(d) 2 hidden lines marked □ **1 mark**

True Shape

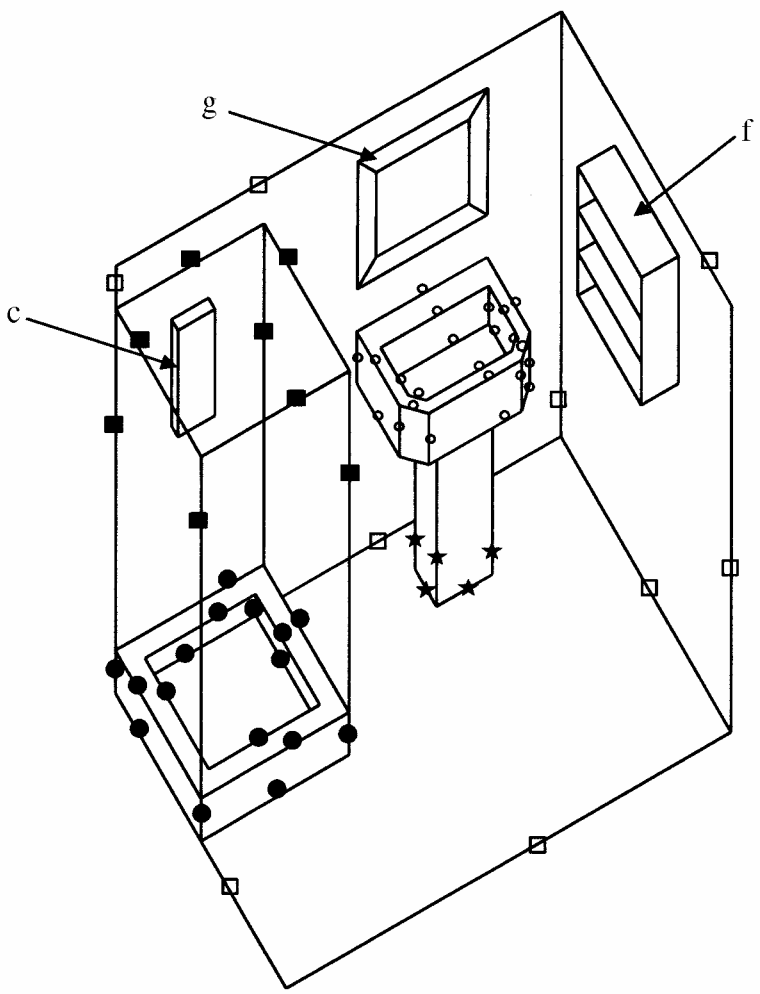


(e) 2 lines marked ● **1 mark**

(f) 2 lines marked ■ **1 mark**

Total 12 marks

Question 6



Shower Base

(a) 16 lines marked ● **2 marks**

13 – 16 lines 2 marks
7 – 12 lines 1 mark

Shower Screen

(b) 8 lines marked ■ **1 mark**

6 – 8 lines 1 mark

Shower Unit

(c) 9 lines as shown **1 mark**

7 – 9 lines 1 mark

Sink Pedestal

(d) 5 lines marked ★ **1 mark**

3 – 5 lines 1 mark

Sink

(e) 24 lines marked **3 marks**

19 – 24 lines	3 marks
13 – 18 lines	2 marks
8 – 12 lines	1 mark

Shelves

(f) 14 lines as shown **2 marks**

10 – 14 lines	2 marks
7 – 9 lines	1 mark

Mirror

(g) 12 lines as shown **2 marks**

9– 12 lines	2 marks
6 – 8 lines	1 mark

Walls

(h) 9 lines marked **1 mark**

7 – 9 lines	1 mark

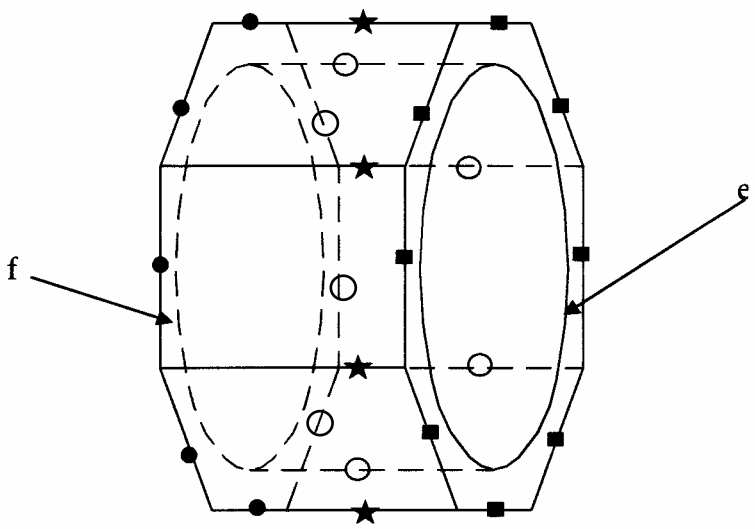
Position relative to 'X'

(i) 3 out of 5 (excluding Shower Base and Shower Screen).
Using any corner for location on item. **1 mark**

Total 14 marks

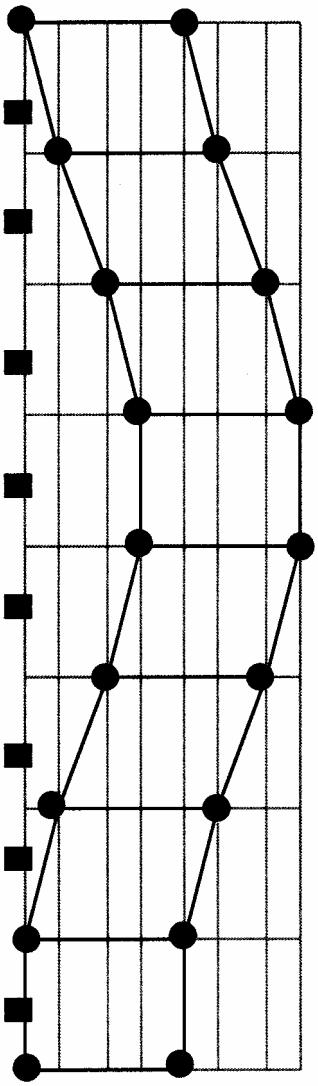
Question 7

Elevation



(a)	8 lines RH octagon marked ■		**2 marks**
	6 – 8 lines	2 marks	
	4 – 5 lines	1 mark	
(b)	5 lines LH octagon marked ●		**1 mark**
	3 – 5 lines	1 mark	
(c)	4 connecting lines marked ★		**1 mark**
(d)	Construction for circles shown on given views		**1 mark**
(e)	Full circle as shown		**1 mark**
	7 – 12 points	1 mark	
(f)	Hidden circle as shown		**2 marks**
	10 – 12 points	2 marks	
	7 – 9 points	1 mark	
(g)	7 hidden lines marked ○		**2 marks**
	5 – 7 lines	2 marks	
	3 – 4 lines	1 mark	

Development



(h) 8 equally spaced sides marked ■ **1 mark**

(i) 18 heights marked ● **2 marks**

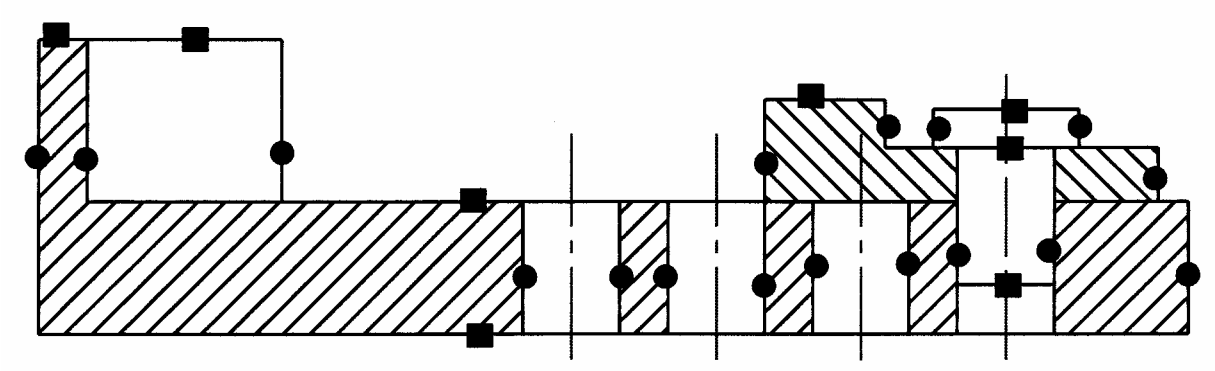
13 – 18 heights 2 marks
7 – 12 heights 1 mark

(j) opened along A-A 1 mark **1 mark**

Total 14 marks

Question 8

Sectional Elevation



(a) 17 vertical lines marked ● **3 marks**

14 – 17 lines	3 marks
10 – 13 lines	2 marks
7 – 9 lines	1 mark

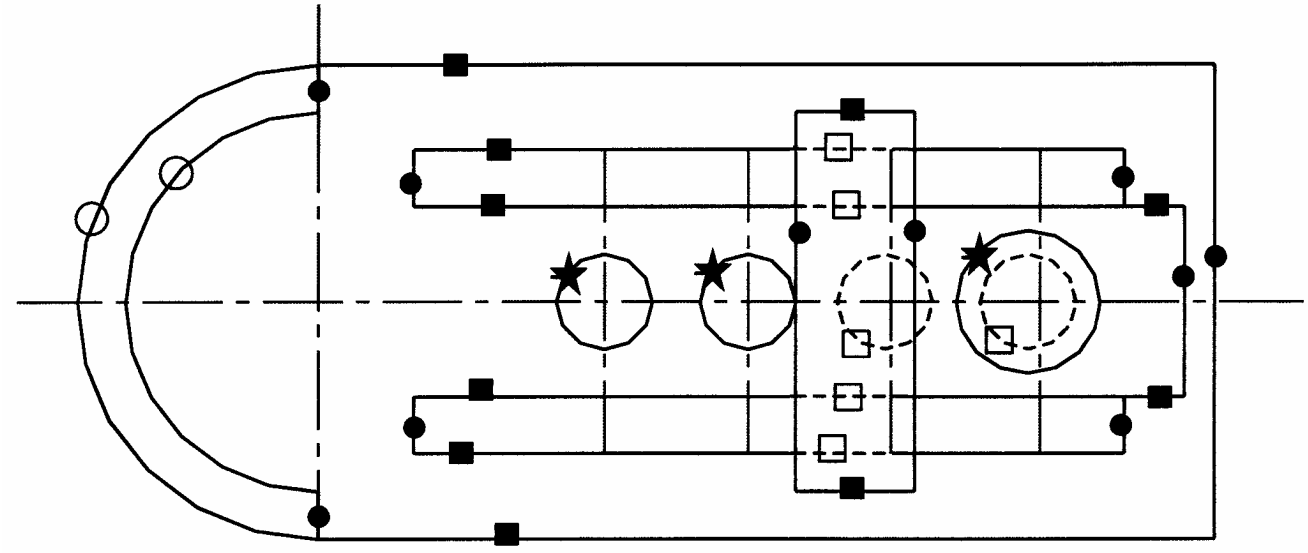
(b) 8 horizontal lines marked ■ **1 mark**

5 – 8 lines	1 mark

(c) Hatching correct as shown for base only @ 45° (5 areas) **1 mark**

(d) Block and pin hatched correctly @ 45° showing differentiation and pin not hatched. **1 mark**

Plan



(e)	10 lines marked	■	**2 marks**
	8 – 10 lines 5 – 7 lines	2 marks 1 mark	
(f)	10 lines marked	●	**1 mark**
(g)	2 arcs marked	○	**1 mark**
(h)	6 hidden lines/circles marked	□	**1 mark**
	4 – 6 hidden lines/circles	1 mark	
(i)	3 circles marked	★	**1 mark**
			Total 12 marks

[END OF MARKING INSTRUCTIONS]