



2015 Graphic Communication

Intermediate 2

Finalised Marking Instructions

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Part One: General Marking Principles for: Graphic Communication Intermediate 2

This information is provided to help you understand the general principles you must apply when marking candidate responses to questions in this Paper. These principles must be read in conjunction with the specific Marking Instructions for each question.

- (a)** Marks for each candidate response must always be assigned in line with these general marking principles and the specific Marking Instructions for the relevant question. If a specific candidate response does not seem to be covered by either the principles or detailed Marking Instructions, and you are uncertain how to assess it, you must seek guidance from your Team Leader/Principal Assessor.
- (b)** Marking should always be positive ie, marks should be awarded for what is correct and not deducted for errors or omissions.

GENERAL MARKING ADVICE: Graphic Communication Intermediate 2

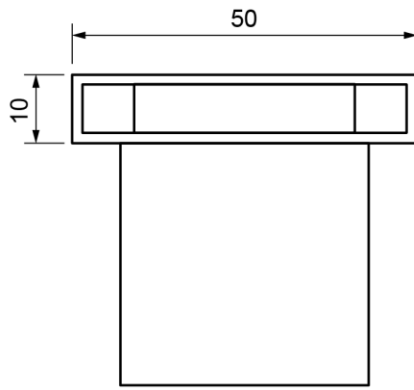
The marking schemes are written to assist in determining the “minimal acceptable answer” rather than listing every possible correct and incorrect answer. The following notes are offered to support Markers in making judgements on candidates’ evidence, and apply to marking both end of unit assessments and course assessments.

Part Two: Marking Instructions for each Question

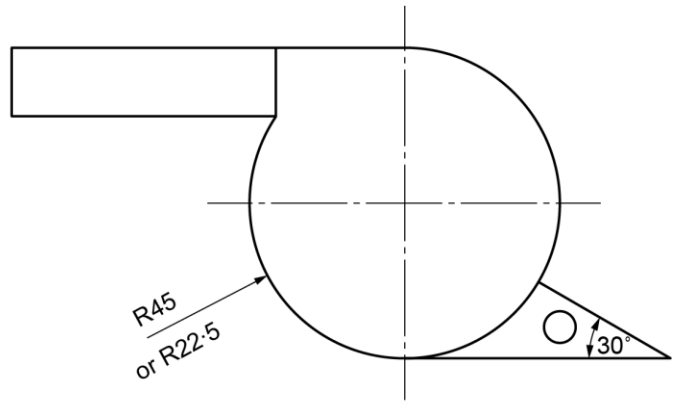
Question			Expected Answer(s)	Max Mark	Additional Guidance
1	a		Caption	1	
	b		Footer	1	
	c		Header/Headline	1	
	d		Text Wrap	1	
	e		Column/Body text	1	
				(5)	

Question			Expected Answer(s)	Max Mark	Additional Guidance
2	a	i	Isometric	1	
	a	ii	Oblique/Perspective (one or two point)/Planometric	1	
	b		View D	1	
	c		View G	1	
	d		To show internal detail, to show assembly	1	
				(5)	

Question			Expected Answer(s)	Max Mark	Additional Guidance
3	a		Rotate	1	
	b		Chamfer	1	
	c		Trim/Cut	1	
	d		Polar/Ring Array	1	
	e		Dimension	1	
				(5)	

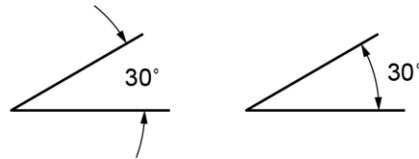
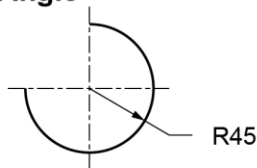


End Elevation



Elevation

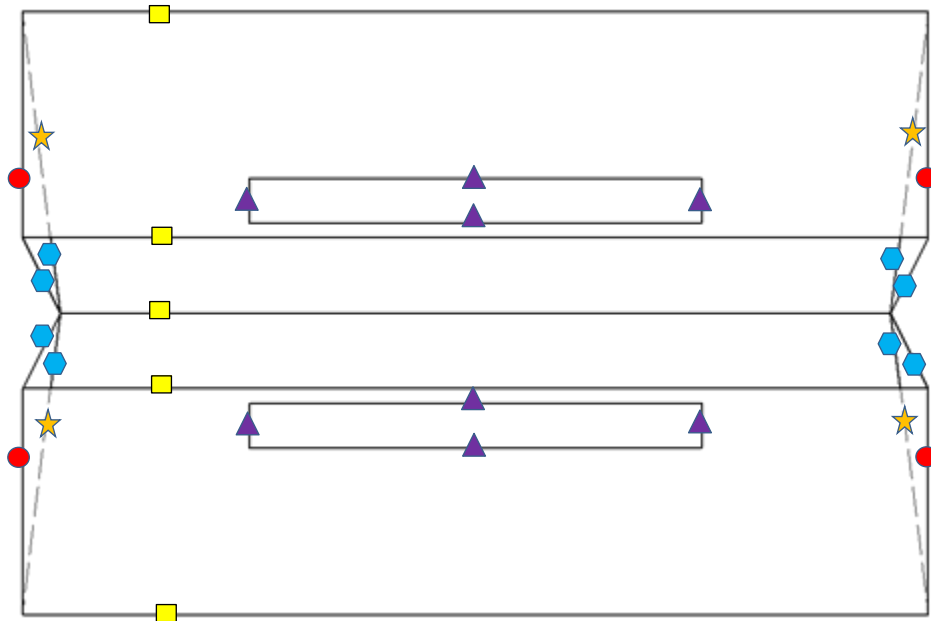
Alternative Radii/Angle



Question		Expected Answer(s)	Max Mark	Additional Guidance
4	a	<p>Note on requirements:</p> <ul style="list-style-type: none"> (i) The Leader lines with a space between object (ii) Dimension line with filled arrow heads touching the leader lines (iii) For vertical dimensions, size printed on the left hand side of the dimension line (iv) For horizontal dimensions, size printed on top of the dimension line (v) Arrows on radius dimensions must be in line with centre point <p>4 × 1 mark for each correct dimension</p>	4	
	b	Centre line marked as per diagram above.	1	
			(5)	

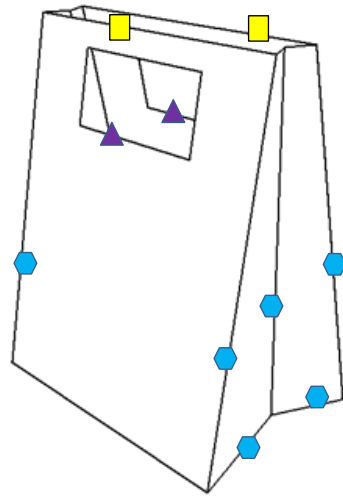
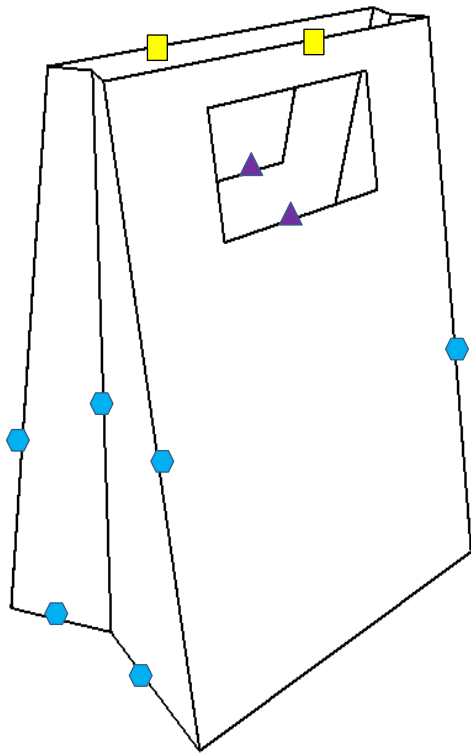
Notes for drawing questions:




- Tolerances for all drawings $\pm 1\text{mm}$
- 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.

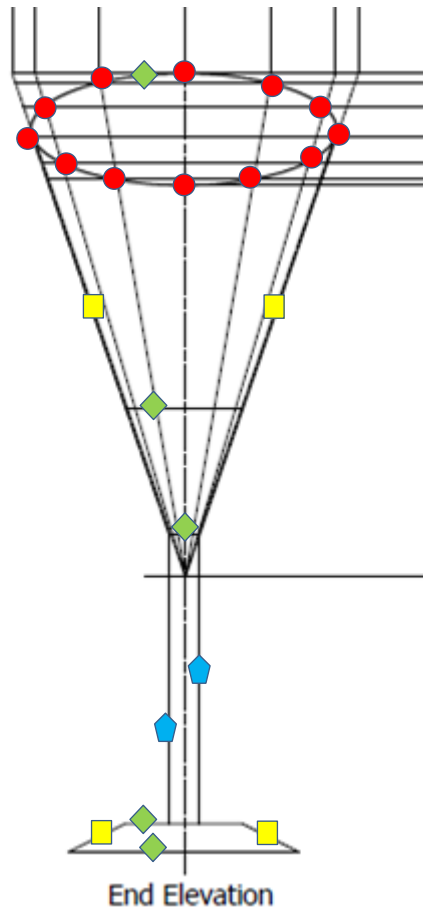






PLAN

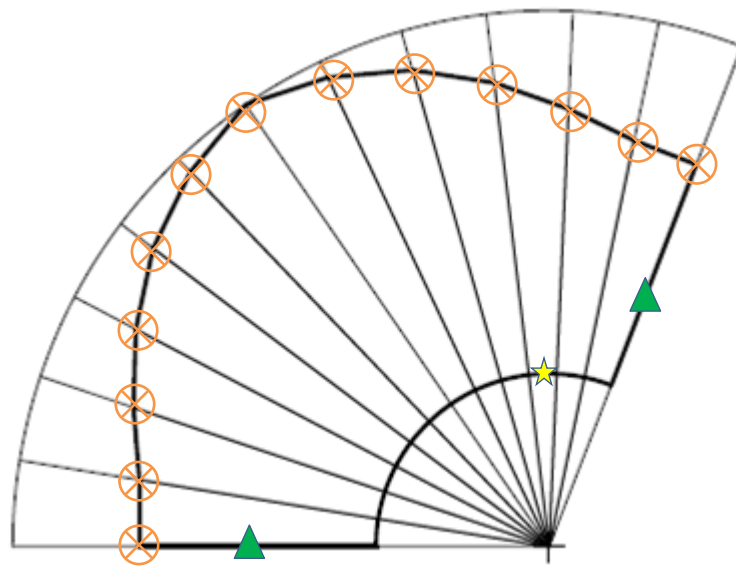
Question		Expected Answer(s)	Max Mark	Additional Guidance
5	a	5 horizontal lines All 5 lines = 2 marks 3 - 4 lines = 1 mark	2	
	b	4 vertical lines All 4 lines = 1 mark	1	
	c	2 handles Handle position and size correct = 1 mark for each handle	2	
	d	8 angled lines 8 lines = 3 marks 6 - 7 lines = 2 marks 4 - 5 lines = 1 mark	3	
	e	4 angled hidden lines All 4 lines = 1 mark	1	
			(9)	



Question		Expected Answer(s)	Max Mark	Additional Guidance
6	a	Sketch in good perspective with required lines drawn to vanishing points	1	
	b	Sketch in good proportion	1	
	c	1 – 2 handles shown 	1	
	d	Edge of bag showing sloping edges 	1	
	e	Top of bag shown as open 	1	
			(5)	



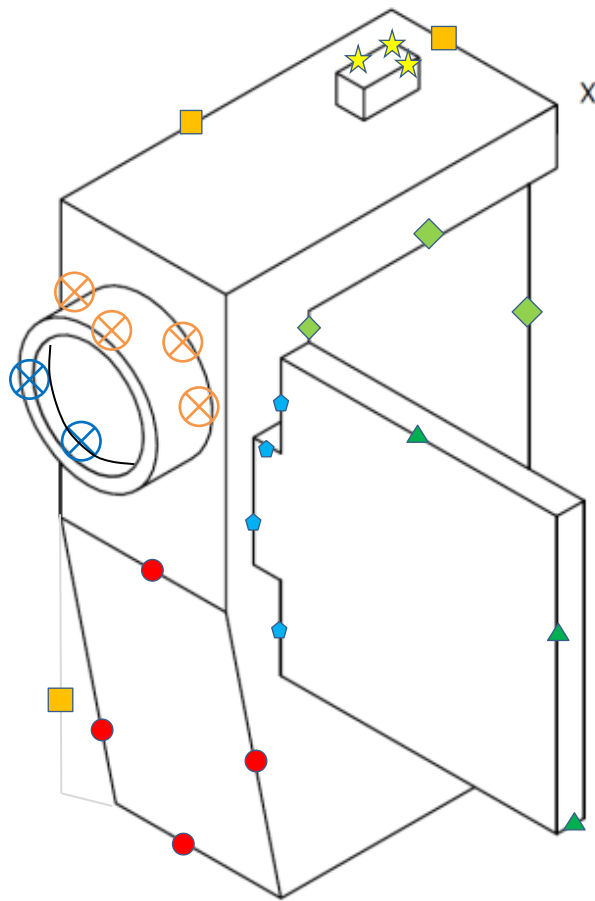
Question		Expected Answer(s)	Max Mark	Additional Guidance
7	a	Construction on plan view	1	
	b	12 points on end elevation curve 10 – 12 points = 2 marks 7 – 9 points = 1 mark	2	
	c	All 4 sloping sides marked	1	
	d	All 4 – 5 horizontal lines	1	
	e	All 2 vertical lines	1	



Surface Development




Development

Question		Expected Answer(s)	Max Mark	Additional Guidance
7	f	12 divisions at correct width (+/1mm per division)	1	
	g	Development opened along A-A	1	
	h	Correct heights 13 of 10 - 13 = 2 marks 6 - 9 = 1 mark	2	
	i	Small inner circle	1	
	j	Outside edges	1	
			(12)	




Isometric View



Camcorder Body

Question		Expected Answer(s)	Max Mark	Additional Guidance
8	a	Overall L × B × H 	1	
	b	Chamfer on front corner (4 lines) All 4 lines required 	1	
	c	Recess for screen (3 lines) All 3 lines required 	1	



Button

Question		Expected Answer(s)	Max Mark	Additional Guidance
	d	Overall L × B × H 	1	

Screen

Question		Expected Answer(s)	Max Mark	Additional Guidance
	e	Overall L × B × H 	1	
	f	Hinge L × B × H 	1	

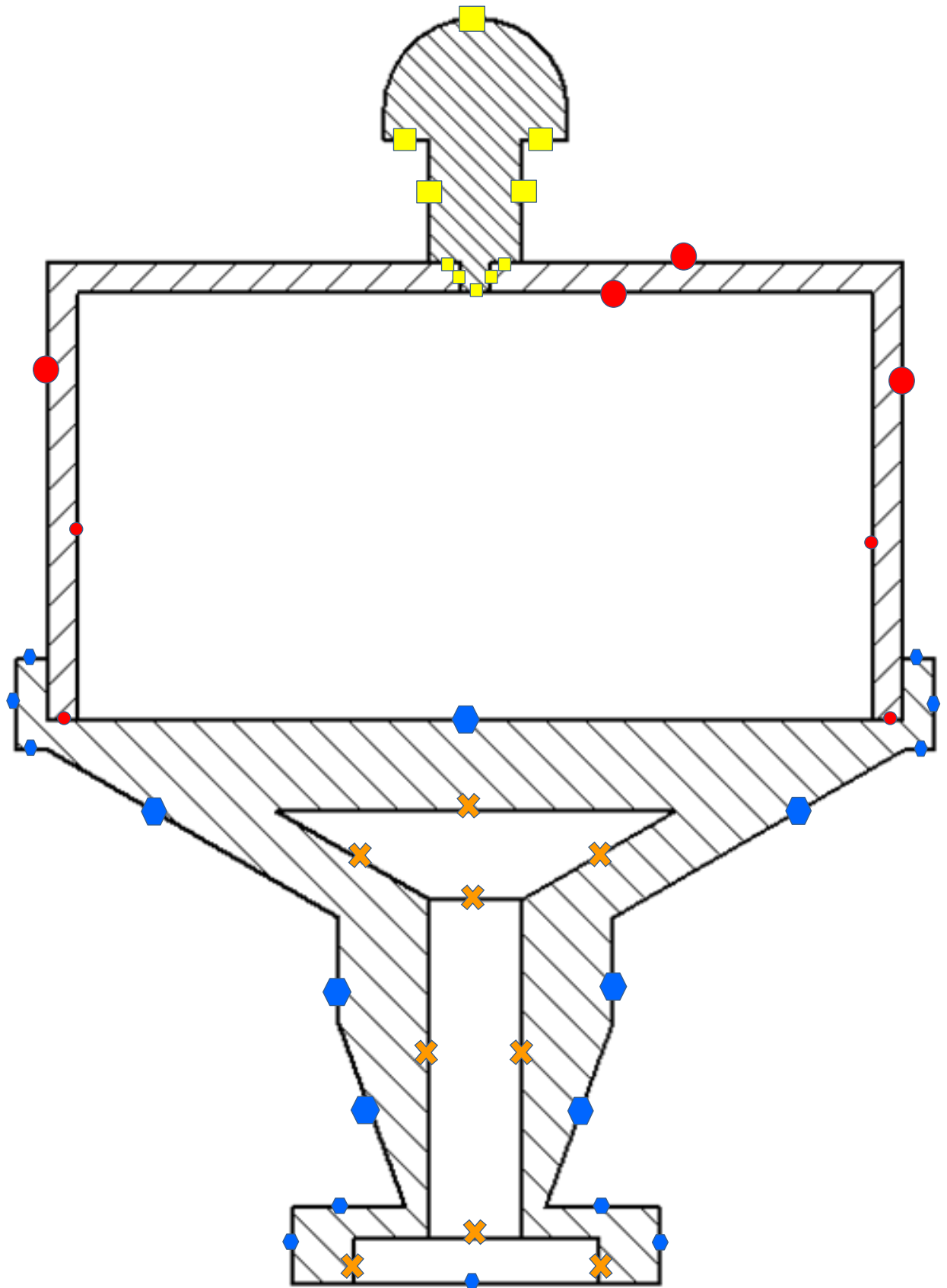
Lens

Question		Expected Answer(s)	Max Mark	Additional Guidance
	g	Construction for isometric circle	1	
	h	2 isometric circles/curves with tangent edges  (points must be visible)	2	
	i	2 isometric circles/curves  (points must be visible)	1	

Positions

Note: Tracing should be aligned with corner X (one corner must align for each position)

Question		Expected Answer(s)	Max Mark	Additional Guidance
	j	3 components Button Screen Lense 3 correct = 3 marks 2 correct = 2 marks 1 correct = 1 mark	3	
			(13)	



Sectional End Elevation on A:A

Base

Question		Expected Answer(s)	Max Mark	Additional Guidance
9	a	18 lines 16 - 18 = 3 marks 13 - 15 = 2 marks 10 - 12 = 1 mark	3	
	b	9 lines 5 - 9 = 1 mark	1	

Glass Cover

Question		Expected Answer(s)	Max Mark	Additional Guidance
	c	8 lines 4 - 8 = 1 mark	1	

Handle

Question		Expected Answer(s)	Max Mark	Additional Guidance
	d	10 lines including curve 10 = 2 marks 7 - 9 = 1 mark	2	

Hatching, Assembly/Positions of parts

Question		Expected Answer(s)	Max Mark	Additional Guidance
	e	<p>Hatching</p> <p>Hatching correctly applied to BS conventions showing differentiation:</p> <p>All three parts = 2 marks 2 parts = 1 mark</p>	2	
	f	<p>Assembly/Positions of 4 components</p> <p>Base Hollow in Base Glass Cover Handle</p> <p>All 4 components correctly assembled/positioned = 2 marks 3 components correctly assembled and positioned = 1 mark</p>	2	
			(11)	

[END OF MARKING INSTRUCTIONS]