



Higher  
Coursework  
Assessment Task



# Higher Graphic Communication Assignment Finalised Marking instructions

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# General marking principles

Always apply these general principles. Use them in conjunction with the detailed marking instructions, which identify the key features required in candidates' responses.

- a Always use positive marking. This means candidates accumulate marks for the demonstration of relevant skills, knowledge and understanding; marks are not deducted for errors or omissions.
- b If a 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.

## Detailed marking instructions

In all cases, where the candidate's work does not meet the lowest range statement, or where no evidence is provided, then zero marks should be awarded.

Question			Expected response	Max mark	Additional guidance
1.	(a)	(i)	Related orthographic drawing of the body (part 1)	4	• Accurate modelling of the body (part 1) (1 mark)
					• Three related views of the body (must be correct orientation) (1 mark)
					• Detail view of the slot (1 mark)
					• Appropriate dimensions for manufacture (1 mark)
		(ii)	Related orthographic drawing of the swivel (part 2)	5	• Accurate modelling of the revolve and bottom of swivel (part 2) (1 mark)
					• Accurate modelling of the radial array feature of the swivel (part 2) (1 mark)
					• Plan, end elevation (must have hidden detail) and sectional elevation through cutting plane A-A of the swivel (must be correct orientation) (1 mark)
					• Detail view of one of the 30x30 squares from the plan view with a minimum of four dimensions applied correctly (1 mark)
					• Appropriate dimensions for manufacture, annotations (1 mark)

Question			Expected response	Max mark	Additional guidance
1.	(b)		Assembled orthographic with a full section, stepped section and a detail view	6	<ul style="list-style-type: none"> <li>Accurate modelling of the arm (part 3) (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Accurate modelling of the base (part 4) (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Correct plan, elevation and sectioning through cutting plane X-X producing correct view (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Correct stepped sectioning through cutting plane Y-Y producing correct view (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Relevant enlargement view showing assembly of parts 1, 2, 3 and 5 (this mark is not for correct assembly of these parts) (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Accurate assembly of all components as shown in data sheet 2 (no overlaps or gaps) (1 mark)</li> </ul>
	(c)		Exploded isometric of assembly	2	<ul style="list-style-type: none"> <li>Exploded isometric view (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Correct alignment, spacing and order of components - no overlaps (1 mark)</li> </ul>

Question			Expected response	Max mark	Additional guidance
1.	(d)		Standards and Conventions	3	<p>Evidence of each type of BS dimensioning has been applied, including:</p> <ul style="list-style-type: none"> <li>• linear (chain and parallel)</li> <li>• radial</li> <li>• diameter</li> <li>• angular</li> </ul> <p>(1 mark)</p>
					<p>The templates should include:</p> <ul style="list-style-type: none"> <li>• 3rd angle projection symbol</li> <li>• candidate name</li> <li>• title of drawing</li> <li>• project title</li> <li>• scale</li> <li>• date</li> <li>• all sizes in mm</li> <li>• tolerances</li> </ul> <p>Any three, included at least once</p> <p>(1 mark)</p>
					<p>Evidence of views being correctly labelled a minimum of once per view type</p> <ul style="list-style-type: none"> <li>• elevation</li> <li>• end elevation</li> <li>• plan</li> <li>• section #-#</li> <li>• detail # <b>OR</b> enlarged partial view #</li> </ul> <p>(1 mark)</p>

Question			Expected response	Max mark	Additional guidance
2.	(a)		Rendered pictorial illustration	9	<ul style="list-style-type: none"> <li>Turnstile assembly x4 and all STEP files included, suitably scaled relative to each other (all files must be sited on a surface - not floating or interfering) (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Turnstile assembly and all STEP files similarly positioned as shown on data sheet (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Appropriate materials/colours applied to all STEP files and turnstile, with suitable materials/colours for walls and floor as per specifications on data sheets 1 and 7 (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Decal correctly applied to waterbase sign (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Correct viewpoint and scale in rendered view (1 mark)</li> </ul>
					Application of appropriate lighting, highlights and shadows: <ul style="list-style-type: none"> <li>– Skilled application in rendered view (2 marks)</li> <li>– Good application in rendered view (1 mark)</li> <li>– Limited application in rendered view (0 marks)</li> </ul>
					Render output quality: <ul style="list-style-type: none"> <li>– High level of clarity with no pixelation or grain visible in rendered view (2 marks)</li> <li>– Good level of clarity with some pixelation or grain visible in rendered view (1 mark)</li> <li>– Poor clarity with significant pixelation or grain visible in rendered view (0 marks)</li> </ul>

Question			Expected response	Max mark	Additional guidance
2.	(b)		Two Preliminary layouts	6	<ul style="list-style-type: none"> <li>• <b>Two</b> effective ideas/possible solutions including the divide (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>• Identifying appropriate use of two elements or principles (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>• Identifying appropriate use of two DTP terms and techniques (1 mark)</li> </ul>
					Including the use, on both layouts, of: <ul style="list-style-type: none"> <li>• copy text</li> <li>• contrasting fonts</li> <li>• company logo</li> <li>• three images</li> <li>• three CMYK colours (1 mark)</li> </ul>
					Appropriate layouts/thumbnails allowing for progress to final layout <ul style="list-style-type: none"> <li>• Produced with a high level of clarity (2 marks)</li> <li>• Produced with good level of clarity (1 mark)</li> <li>• Produced with a basic level of clarity (0 marks)</li> </ul>

Question			Expected response	Max mark	Additional guidance
2.	(c)		Final copy of promotional poster	11	<ul style="list-style-type: none"> <li>Correct structure and proportion (+/-10), notice taken of section divide and no text in 21mm border (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>A relationship between planning from task 2(b) and the final layout (1 mark)</li> </ul>
					Inclusion of: <ul style="list-style-type: none"> <li>company logo</li> <li>three CMYK colours</li> <li>three images</li> <li>correct use of copy text on stipulated sections (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Effective use of two contrasting fonts (1 mark)</li> </ul>
					<ul style="list-style-type: none"> <li>Effective use of two Design Elements and Principles from 2(b) (2 marks)</li> </ul>
					<ul style="list-style-type: none"> <li>Effective use of two DTP terms and techniques from 2(b) (2 marks)</li> </ul>
					Skill and visual impact of layout: <ul style="list-style-type: none"> <li>Produced with a high level of skill and significant visual impact (3 marks)</li> <li>Produced with a good level of skill, providing some visual impact (2 marks)</li> <li>Produced with basic level of skill, providing basic visual impact (1 mark)</li> <li>No evidence of skill, providing no visual impact (0 marks)</li> </ul>



Question			Expected response	Max mark	Additional guidance
3.			Orthographic views of Queue-jump Wristband	4	• Elevation correctly sketched to fair proportions (1 mark)
					• Plan correctly sketched to fair proportions (1 mark)
					• Sketched in 3 <sup>rd</sup> angle, projected and aligned correctly (1 mark)
					• Accurate hidden detail included (1 mark)

[END OF MARKING INSTRUCTIONS]