

# Commentary on Candidate evidence

Total mark – 45/50

Task		Expected Response	Max Mark	Mark Awarded	Additional guidance	Commentary
1.	(a)	Related orthographic drawings and sectional views of both components, parts 1 and 2	6	5	Three related views of both components (must be correct orientation and accurate to sizes given) – 1 mark for each component (maximum 2 marks)	The candidate produced the three related orthographic views of in the correct orientation and accurately to the sizes given and achieved <b>2 marks.</b>
					Accurate hidden detail shown in elevation and plan of both components – 1 mark for each component (maximum 2 marks)	Hidden detail was produced for both components this achieved <b>2 marks.</b>
					Correct sectioning of both end elevations through the given cutting planes. (1 mark)	The candidate did not produce both sections as shown in the data sheets, <b>0 marks.</b>
					The majority of dimensions given to allow for manufacture (this mark is for recognising important dimensions, not for applying British Standards) (1 mark)	Majority of dimensions were included and so achieved <b>1 mark.</b> British Standards were not assessed at this stage.

	(b)	Related orthographic views of assembly	<b>8</b>	4	<ul style="list-style-type: none"> <li>♦ Accurate modelling of part 1 (1 mark)</li> <li>♦ Accurate modelling of part 2 (1 mark)</li> <li>♦ Accurate modelling of part 3 (1 mark)</li> <li>♦ Accurate modelling of part 4 (1 mark)</li> </ul>	Part 3 has not been modelled correctly, the fillet on the inside of the disc is not concave. <b>3 marks</b> for accurate modelling of parts 1, 2 and 4.
					A stepped section cutting plane added to the drawing (i.e. perpendicular, starts and ends above and below the elevation). Correct position not assessed at this stage (1 mark)	A stepped section cutting place has been created, however, it starts within the view, <b>0 marks</b> .
					The stepped section shows how parts 2 and 3 fit together (1 mark)	The stepped sectional view does show how parts 2 and 3 fit together and achieved <b>1 mark</b> .
					The stepped section shows how parts 1 and 4 fit together (1 mark)	The stepped sectional view does not show how parts 1 and 4 fit together <b>0 mark</b> .
					Relevant enlargement view showing how parts 2 and 3 fit together (1 mark)	The enlargement view created does not show the correct details, you cannot see from this view how parts 2 and 3 fit together, <b>0 mark</b> .

1.	(c)	Exploded isometric view of assembly	3	3	Exploded isometric view (1 mark)	The view produced is exploded and isometric, <b>1 mark.</b>
					Correct alignment and order of components (1 mark)	Components have been separated in the correct order for assembly and are aligned correctly, <b>1 mark.</b>
					Correct spacing of components – no overlap (1 mark)	There is no evidence of overlap, <b>1 mark.</b>
	(d)	Standards and conventions	3	3	<p>Evidence will come from:</p> <ul style="list-style-type: none"> <li>♦ dimensioning</li> <li>♦ 3rd angle projection symbol</li> <li>♦ suitable scale(s)</li> <li>♦ information in title block</li> <li>♦ annotations (e.g. PCD, chamfer, part numbers)</li> <li>♦ line types</li> <li>♦ view labels (e.g. End Elevation etc.)</li> <li>♦ hatching</li> </ul> <p>If there is evidence of 6 or more from the above list (3 marks)</p> <p>If there is evidence of 4 or 5 from the above list (2 marks)</p> <p>If there is evidence of 1 to 3 from the above list (1 mark)</p>	<p>The candidate has shown evidence of dimensioning to British Standards. The third angle projection symbol has been included.</p> <p>The drawing has been produced at a suitable scale, in this case 1:1. A range of line types are evident and correctly used.</p> <p>Views have been correctly labelled. Hatching has been applied appropriately.</p> <p>The candidate has evidence of 6 standards and conventions from the list and so achieved <b>3 marks.</b></p>

Task		Expected Response	Max Mark	Mark Awarded	Additional guidance	Commentary
2.	(a)	Rendered pictorial illustration	7	7	Correct assembled environment – for example: walls, tabletop (1 mark)	Two walls and a bedside cabinet can be seen, the scene has been well put together and achieved <b>1 mark</b> .
					Materials applied on walls and surface, suitably scaled (1 mark)	The materials applied are appropriate for the scene <b>1 mark</b> .
					Speaker casing and minimum of 1 STEP file included suitably scaled relative to each other (speaker casing and STEP file must be sited on surface and not floating) (1 mark)	The speaker casing along with two speakers, two plectrum and the audio cable have been placed correctly into the scene. <b>1 mark</b> .
					A variety of appropriate materials applied to the correct scale to speaker casing, components and STEP file(s) (1 mark)	The material choices are appropriate and create an effective scene, <b>1 mark</b> .
					Logo graphic applied to speaker casing or a given STEP file and scaled correctly (1 mark)	The logo has been applied to the front of the speaker casing. <b>1 mark</b> .
					Skilled application of suitable/appropriate lighting, highlights and shadows. Rendered scene must be appropriately scaled, viewed and not pixelated.(2 marks)	The lighting style applied to the scene is very effective and allows for a range of lighting effects to be seen, it looks very realistic. There is no evidence of pixilation, <b>2 marks</b> .

	(b)	Two layouts/thumbnails for twofold leaflet (both sides)	<b>3</b>	3	Clarity and quality of both layouts/thumbnails (1 mark)	Candidate has produced two layouts that show clearly the intention of their DTP work, <b>1 mark</b> .
					A range of <b>effective</b> ideas/possible solutions (1 mark)	The layouts show 2 very different ideas for effective DTP layouts, <b>1 mark</b> .
					Layouts/thumbnails must each include the front, back and double panel spread with <ul style="list-style-type: none"> <li>- the assembled speaker</li> <li>- company name/ logo</li> <li>- body text</li> <li>- a minimum of 2 selected images (1 mark)</li> </ul>	From the sketches and annotation, it is clear that the candidate has included all pieces asked for in the task, <b>1 mark</b> .
	(c)	Final copy of twofold leaflet (both sides)	<b>12</b>	12	Correct proportion (length $\approx$ double the height) and notice taken of folds (1 mark)	The leaflet has been created at the correct size, <b>1 mark</b> .
					<ul style="list-style-type: none"> <li>♦ Leaflet includes: <ul style="list-style-type: none"> <li>- speaker</li> <li>- company name/logo</li> <li>- colour(s)</li> <li>- copy text</li> <li>- 2 or more given/edited images</li> </ul> </li> </ul> (1 mark)	The leaflet includes all items as required by the task, <b>1 mark</b> .

				<p>Identifying and justify rhythm (2 marks): Award 1 mark for identifying use of rhythm, award 1 mark for justifying use of rhythm.</p>	<p>The candidate has identified where rhythm has been created and has given clear justification to its use. <b>2 marks.</b></p>
				<p>Identifying and justify depth (2 marks): Award 1 mark for identifying use of depth, award 1 mark for justifying use of depth.</p>	<p>The candidate has identified where depth has been created and has given clear justification to its use. <b>2 marks.</b></p>
				<p>Elements and principles applied with a high level of skill and <b>significant visual impact</b> (3 marks): Award 2 marks if good use of design principles and elements, providing some <b>relevant visual impact</b> Award only 1 mark if limited use of design principles and elements providing <b>limited visual impact</b></p>	<p>The candidate has produced work that has significant visual impact. The consideration of layering to create depth creates a very visually interesting layout. The consistent colour scheme creates Unity very effectively. Shape used in the coloured rectangles creates a consistency to the layout <b>3 marks.</b></p>
				<p>DTP features applied with a high level of skill and <b>significant visual impact</b>(3 marks): Award 2 marks if DTP features applied with some level of skill and <b>relevant visual impact</b> Award only 1 mark of DTP features applied with a limited level of skill and <b>limited visual impact.</b></p>	<p>The candidate has used DTP features to produce a layout that has significant visual impact. There is evidence of grid structure in the placement of the text boxes. Reverse and drop shadow have been used with great skill to emphasise areas of importance. <b>3 marks.</b></p>

Task		Expected Response	Max Mark	Mark Awarded	Additional guidance	Commentary
3.	(a)	Exploded pictorial sketch	4	4	An appropriate pictorial sketch, in proportion which gives an accurate representation of all 3 components; High quality sketch meeting all of the above criteria (2 marks) Good quality sketch meeting some of the above criteria (1 mark) If work is traced or of limited quality/clarity (0 marks)	The sketch produced is a very accurate representation of the luggage tag, the candidate has interpreted the graphic provided very well. <b>2 marks.</b>
					A rendered sketch of parts a and c, including appropriate highlights and shadows High quality rendered sketch (2 marks) Good quality rendered sketch (1 mark) Poor quality rendered sketch (0 marks)	There is clear evidence of consideration of how light would interact with the object. <b>2 marks.</b>

	(b)	Final copy of luggage tag graphic (both sides)	4	4	Includes the colours, text and an image from the brief, correct size (168 x 64), and notice taken of bleed margins (there should be no text within this margin, but may include graphics) (1 mark)	The luggage tag graphic produced includes all the items required by the task. <b>1 mark.</b>
					<ul style="list-style-type: none"> <li>♦ Tag should include DTP techniques from list; <ul style="list-style-type: none"> <li>- cropping</li> <li>- rotate</li> <li>- transparency</li> <li>- reverse</li> <li>- bleed</li> <li>- flow text along a path</li> <li>- drop shadow</li> <li>- colour fill</li> </ul> </li> </ul> <p>3 or more used <b>effectively</b> within layout(s) (2 marks)  2 from list used <b>effectively</b> within layout(s) (1 mark)</p>	The image with the microphone has been cropped as required to fit the space. The candidate has made effective use of transparency through its use on the wireless logo, as well as in the blue bar that runs across the front of the luggage tag graphic. Flow text along a path has been used effectively to emphasise the text. Reverse text has been used effectively. <b>2 marks.</b>
					DTP techniques labelled (1 mark)	The candidate has correctly identified their use of the DTP techniques, and though not required has justified their use. <b>1 mark</b>