

## Commentary on candidate 10 evidence

The candidate evidence has achieved the following marks for each section of this course assessment component – assignment.

		Marking instruction	Commentary	Mark awarded	Maximum mark
1	a	Base	<b>1 mark</b> awarded as the base is correctly modelled with correct orientation.	<b>6</b>	<b>6</b>
		Fixing nut	<b>1 mark</b> awarded as the fixing nut is correctly modelled with correct orientation.		
		Toggle switch	<b>1 mark</b> awarded as the toggle switch is correctly modelled with correct orientation.		
		Shade	<b>1 mark</b> awarded as the shade is correctly modelled with correct orientation.		
		Stem	<b>1 mark</b> awarded as the stem is correctly modelled with correct orientation. Although the 155 dimension provided on the top of the stem is at an angle, the length when measured and calculated is correct.		
		Enough dimensioning to allow for manufacture	<b>1 mark</b> awarded as enough dimensions have been provided to manufacture. On the top right of the stem, the dimensions for the thickness of the stem and the diameter of the hole are not aligned correctly – this does not meet British Standards. However, the dimensions are correct therefore, a mark is awarded.		
	b	Accurate assembly – no overlap and no gaps	<b>1 mark</b> awarded as all parts are assembled accurately.	<b>3</b>	<b>3</b>
		Relevant section with correct parts hatched	<b>1 mark</b> awarded as the cutting plane passes through the centre of the Plan. Correct parts have been hatched.		
		All views related and orientated correctly	<b>1 mark</b> awarded as all views have been correctly projected.		

	c	Correct orientation (isometric and orientation from data sheet 1a)	<b>1 mark</b> awarded as isometric view and orientation are correct per the data sheet.)	<b>1</b>	<b>2</b>
		Correct spacing and alignment – no overlap of components	<b>0 mark</b> awarded as the stem being exploded to the left is acceptable for alignment however, the toggle switch doesn't align with the hole at the bottom of the stem. Also, the shade and fixing nut do not align with the hole at the top of the stem.		
	d	British Standard conventions	<b>1 mark</b> awarded as there are some inconsistencies in this part of the assignment. Centre lines are missing from assemblies, dimension arrows for circles and arcs do not line up with the centre of the circles, incorrect alignment of dimensions on the top of the stem.	<b>1</b>	<b>2</b>
2	a	Suitable materials used for each part, <b>AND</b> Appropriate lighting/highlights/shadows and pictorial view	<b>1 mark</b> awarded for the following: Stem – wood Shade and base – concrete or wood Toggle switch and fixing nut– metal <b>AND</b> Appropriate lighting/ highlights/shadows and pictorial view.	<b>1</b>	<b>1</b>
	b	<b>Both</b> layouts/thumbnails contain the logo, the title and at least one image <b>and</b> clarity of the layouts/thumbnails	<b>1 mark</b> awarded as there is a logo, title and image on each and both are clear.	<b>2</b>	<b>2</b>
		Clear identification of depth in <b>both</b> layouts	<b>1 mark</b> awarded for depth with the lines passing underneath the lamp on both thumbnails.		
	c	Correct size/proportion of layout	<b>1 mark</b> awarded as the ratio is good; $352/176 = 2$	<b>7</b>	<b>8</b>
Visual impact		<b>2 marks</b> awarded for good quality visual impact.  The title is clear, the large lamp stands out, the logo is clear against the background, the lines create depth and guide your eye across the page.			

			The line in front of the lamp makes the line come forward rather than the lamp, the text is not aligned, and the symbols are too large for the purpose.		
		2 design elements/principles, <b>other than depth</b> , correctly labelled	<b>2 marks</b> awarded for Dominance, contrast, alignment, emphasis (in relation to the Higher course specification) and use of colour (not simply for yellow and green – for identifying harmonising colours). Identify dominance labelled to lamp image. The contrast of a different font does not attract a mark. The contrast of caps to lower case receives a mark.		
		Suitable description of the effect on the DTP layout for each of these design elements/principles	<b>2 marks</b> awarded for 'Symbols aligned to the line makes ad more organised' and for emphasis of the effect at 'underline to create emphasis to title'.		
3	a	Base	<b>1 mark</b> awarded as the base outlines are correct.	<b>5</b>	<b>7</b>
		Stand	<b>1 mark</b> awarded as the stand outlines are correct.		
		Top	<b>1 mark</b> awarded as the top outlines are correct.		
		All hidden detail shown	<b>0 mark</b> awarded as the hidden detail is incorrect. The hidden detail of the clock face insert on the Plan does not extend out with the hidden detail shown for the width of the legs of the Plan of the clock top.		
		Application of proportion across all sketches	<b>0 mark</b> awarded as the proportions across the sketches are not correct. The depth of the base and the proportions of the clock stand are incorrect and the proportion of the slot at base not high enough; the clock face circle diameter should be larger than the legs at bottom.		
		Application of construction/projection across all sketches	<b>1 mark</b> awarded as projection is good throughout. On the base, proportion of depth is not awarded. We will not double penalise candidates here; look to mark positively. The hidden detail is incorrect therefore, this is not considered for a projection mark, as per the marking instructions.		

		Correct dimensioning (look at dimensioning across all 3 components)	<b>1 mark</b> awarded as dimensions have been correctly applied to allow 3D CAD modelling.		
	b	Elevation correctly sketched to fair proportions	<b>1 mark</b> awarded as the Elevation has been sketched correctly to fair proportions.	<b>2</b>	<b>4</b>
		End Elevation correctly sketched and projected from the Elevation	<b>1 mark</b> awarded as the End Elevation is correct and projected.		
		Plan correctly sketched to fair proportions	<b>0 mark</b> awarded as the Plan is not projected properly. The right-hand edge of the base has been projected as the inside edge of the Plan.		
		Depth of Plan and End Elevation in good proportion with each other	<b>0 mark</b> awarded as the depth of the Plan and End Elevation are not close enough to award a mark.		
	c	Sketching	<b>2 marks</b> awarded as the height of the base is too high, the rear of the curve on the top is not correct, the height of the pyramid is not high enough and thickness of the legs of the clock face at the front are inconsistent to the length at the back.	<b>3</b>	<b>5</b>
		Rendering	<b>1 mark</b> awarded as the material used for the base should be plastic not wood. The rendering is good, but a maximum of 1 mark can be awarded when the candidate has used the wrong material as per the marking instructions.		
				<b>31</b>	<b>40</b>