

Commentary on candidate evidence

Assessors awarded the candidate evidence the following marks for each task in the course assignment.

Candidate 1

The candidate has achieved **43 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **4 out of 4 marks** for:

- accurate modelling of the body (part 1) **(1 mark)**
- three related views of the body (part 1) **(1 mark)**
- correct auxiliary plan **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the top (part 2) **(1 mark)**
- correct elevation and sectional end elevation through cutting plane A-A **(1 mark)**
- correct sectional plan through cutting plane B-B **(1 mark)**
- correct detail view of repeated pattern at a scale of 4:1 **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- correct stepped sectional view through cutting plane X-X **(1 mark)**

- correct detail view showing assembly of parts 1 and 4 at a scale of 3:1 **(1 mark)**
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) in the assembly model was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **2 out of 3 marks** as follows:

- The candidate has included evidence of linear, radial, diameter and chain dimensioning, but has not included any evidence of parallel dimensioning. **(0 marks)**
- The templates include the 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), scales, dates and all sizes are in millimetres. **(1 mark)**
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **5 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) are included, suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files are similarly positioned as shown on the data sheet. **(1 mark)**
- The candidate has only used the colour grey on the HOME STEP file when they were required to use two different colours. **(0 marks)**
- The decal has been correctly applied to the television. **(1 mark)**

- The correct viewpoints and scale in rendered views have been used. **(1 mark)**
- There is limited application of lighting, highlights and shadows; the scene is very dark with not enough appropriate lighting applied. **(0 marks)**
- The render output is of good quality with some pixelation or grain visible. **(1 mark)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **5 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified grid structure, emphasis, rhythm, texture, depth, shape and alignment. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse, transparency, text wrap, drop cap and square crop. **(1 mark)**
- The candidate has not included three CMYK colours on either of their proposed layouts. **(0 marks)**
- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **10 out of 11 marks** as follows:

- The candidate has scaled their printed version incorrectly and it is significantly too small. **(0 marks)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes the company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8, and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated the correct use of copy text on stipulated sections. **(1 mark)**

- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of alignment, depth, grid structure and rhythm. **(2 marks)**
- There is effective use of **two** DTP terms and techniques from the list in task 2(b); the candidate has correctly identified and made effective use of text wrap and drop cap. **(2 marks)**
- The layout demonstrates a high skill and understanding of using desktop publishing techniques with strong visual impact. **(3 marks)**

Task 3 – Pictorial sketch

The candidate was awarded **5 out of 5 marks** for:

- accurate representation of the material thickness across all four sides and on the end of the finger joints **(1 mark)**
- accurate representation of the finger joints **(1 mark)**
- accurate representation of the handle **(1 mark)**
- good quality of sketch that is an accurate and realistic representation of the storage box **(2 marks)**

Candidate 2

The candidate has achieved **37 out of 50 marks** for:

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **4 out of 4 marks** for:

- accurate modelling of the body (part 1) **(1 mark)**
- three related views of the body (part 1) **(1 mark)**
- correct auxiliary plan **(1 mark)**
- inclusion of appropriate dimensions for manufacture – although the candidate has included duplicate dimensions, they have still provided enough evidence of different and relevant dimensioning to be awarded the mark **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **4 out of 5 marks** as follows:

- accurate modelling of the top (part 2) **(1 mark)**
- correct elevation and sectional end elevation through cutting plane A-A **(1 mark)**
- incorrect sectional plan through cutting plane B-B; the cutting plane is too low and produces an incorrect plan view **(0 marks)**
- correct detail view of repeated pattern at scale of 4:1 **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **4 out of 5 marks** as follows:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- incorrectly placed stepped sectional view through cutting plane X-X; the thick end of the cutting plane is overlapping the view **(0 marks)**
- correct detail view showing assembly of parts 1 and 4 at a scale of 3:1 **(1 mark)**
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- ignoring the trail lines; the candidate has produced a correctly exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **2 out of 3 marks** as follows:

- There is evidence that each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include the 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes) and date. **(1 mark)**
- The candidate has not included the application of any centre lines or centre marks on the drawing produced in task 1(a)(i). **(0 marks)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **5 out of 9 marks** as follows:

- The lantern and all STEP files (including the base of the lantern) are included, suitably scaled and there are no objects floating. **(1 mark)**
- The lantern and all STEP files are similarly positioned as shown on the data sheet. **(1 mark)**
- The correct materials/colours have been applied to the STEP files and lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale have been used in rendered views. **(1 mark)**
- The candidate has not produced a render; this is a screenshot with harsh and limited application of lighting, highlights and shadows. **(0 marks)**
- The candidate has not produced a render; this is a screenshot and contains significant pixelation and visible grain. **(0 marks)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **5 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**

- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified emphasis, shape and depth. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse, transparency and full crop. **(1 mark)**
- The candidate has used an incorrect tone of the given green CMYK colour on layout 1. **(0 marks)**
- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **8 out of 11 marks** as follows:

- The candidate has used the correct structure and proportion, and notice has been taken of the folds. **(1 mark)**
- There is no relationship between the planning from task 2(b) and the final layout; the response is a third idea and shows no connection to the planning stage from task 2b. **(0 marks)**
- The layout includes the company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated correct use of copy text on stipulated sections. **(1 mark)**
- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of emphasis and depth. **(2 marks)**
- There is effective use of **two** DTP terms and techniques from the list in task 2(b); the candidate has correctly identified full crop, reverse and transparency. **(2 marks)**
- The layout demonstrates basic skill and understanding of using desktop publishing techniques, with basic visual impact. **(1 mark)**

Task 3 – Pictorial sketch

The candidate was awarded **3 out of 5 marks** as follows:

- accurate representation of the material thickness across all four sides and on the end of the finger joints. **(1 mark)**
- accurate representation of the finger joints. **(1 mark)**
- Inaccurate representation of the handle; inconsistent curve at the left side. **(0 marks)**
- A limited quality of sketch that is a reasonable representation of the storage box. **(1 mark)**

Candidate 3

The candidate has achieved **29 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body *(part 1)*

The candidate was awarded **2 out of 4 marks** as follows:

- accurate modelling of the body (part 1) **(1 mark)**
- three related views of the body (part 1) **(1 mark)**
- Incorrect auxiliary plan. The candidate has produced a true shape and not the auxiliary as indicated in the task. **(0 marks)**
- Although the candidate has included dimensions, there are duplications and those included on the true shape are not perpendicular to the shape, and therefore incorrect. **(0 marks)**

Task 1(a)(ii) – Related orthographic drawing of the top *(part 2)*

The candidate was awarded **3 out of 5 marks** as follows:

- Inaccurate modelling of the top (part 2); there are multiple modelling errors including orientation of the lugs, incorrect height of the component and incorrect placement of the circle for the hook to connect into. **(0 marks)**
- Incorrect placement of cutting plane; the thick end of the cutting plane is overlapping the view. **(0 marks)**
- Correct sectional plan through cutting plane B-B. **(1 mark)**

- Correct detail view of repeated pattern at scale of 4:1. **(1 mark)**
- The candidate has included appropriate dimensions for manufacture. **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **2 out of 5 marks** as follows:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4). **(1 mark)**
- incorrect stepped sectional view through cutting plane X-X; the plane is in 1st angle project **(0 marks)**
- a detail view showing assembly of parts 1 and 4 at a scale of 3:1 has not been included **(0 marks)**
- inaccurate assembly of parts 1, 2, 3 and 4; the top component is rotated meaning lugs are not assembled correctly **(0 marks)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **1 out of 2 marks** as follows:

- Correct exploded isometric view. **(1 mark)**
- The plates are not aligned correctly. **(0 marks)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- The candidate has included evidence of each type of British Standard dimensioning at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), scale, date. Although the drawing name is incorrect, there are enough instances of correct information to be awarded the mark. **(1 mark)**

- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **7 out of 9 marks** as follows:

- The unit intersects with the wall on the right-hand side. **(0 marks)**
- The lantern and all STEP files are similarly positioned as shown on the data sheet. **(1 mark)**
- The correct materials/colours have been applied to STEP files and the lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale have been used in rendered views. **(1 mark)**
- There is evidence of skilled application of appropriate lighting, highlights and shadows. **(2 marks)**
- The candidate has produced a good render output quality with some pixelation or grain visible. **(1 mark)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **4 out of 6 marks** as follows:

- The candidate has not generated two different ideas; both are very similar. **(0 marks)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified emphasis and shape. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse and square crop. **(1 mark)**
- The candidate has not included a third CMYK colour on the first layout. **(0 marks)**
- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **6 out of 11 marks** as follows:

- The candidate has scaled their printed version incorrectly and it is significantly too small. **(0 marks)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes the company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated the correct use of copy text on stipulated sections. **(1 mark)**
- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of emphasis and shape. **(2 marks)**
- The candidate has not labelled reverse which is the only DTP technique visible in the layout. **(0 marks)**
- The layout demonstrates basic skill and understanding of desktop publishing techniques and has basic visual impact. **(1 mark)**

Task 3 – Pictorial sketch

The candidate was awarded **1 out of 5 marks** for:

- inaccurate representation of the material thickness across all four sides and on the end of finger joints **(0 marks)**
- inaccurate representation of the finger joints **(0 marks)**
- inaccurate representation of the handle **(0 marks)**
- a limited quality of sketch that is a reasonable representation of the storage box in 1 point perspective **(1 mark)**

Candidate 4

The candidate has achieved **50 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **4 out of 4 marks** for:

- accurate modelling of the body (part 1) **(1 mark)**
- three related views of the body (part 1) **(1 mark)**
- correct auxiliary plan **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the top (part 2) **(1 mark)**
- correct elevation and sectional end elevation through cutting plane A-A **(1 mark)**
- correct sectional plan through cutting plane B-B **(1 mark)**
- correct detail view of repeated pattern at a scale of 4:1 **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- correct stepped sectional view through cutting plane X-X **(1 mark)**
- correct detail view showing assembly of parts 1 and 4 at a scale of 3:1 **(1 mark)**
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- Evidence of each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), scale, all sizes in millimetres. **(1 mark)**
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **9 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) included, are suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files are similarly positioned as shown on data sheet. **(1 mark)**
- Correct materials/colours have been applied to the STEP files and lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale in rendered views have been used. **(1 mark)**

- There is a skilled application of appropriate lighting, highlights and shadows. **(2 marks)**
- There is a high render output quality with no pixelation or visible grain. **(2 marks)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **6 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified alignment, asymmetrical balance, depth, unity and white space. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified full crop, reverse, transparency, text wrap and drop cap. **(1 mark)**
- The candidate has included the use, on both layouts, of copy text, company logo, three CMYK colours, three images or **two** images and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has used appropriate layouts/thumbnails produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **11 out of 11 marks** as follows:

- The candidate has used the correct structure and proportion, and notice has been taken of the folds. **(1 mark)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated the correct use of copy text on stipulated sections. **(1 mark)**

- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of alignment, depth, rhythm and unity **(2 marks)**
- The candidate has demonstrated effective use of **two** DTP terms and techniques from the list in task 2(b); the candidate has correctly identified and made effective use of reverse, transparency, full cropping and drop cap **(2 marks)**
- The layout demonstrates high skill and understanding of desktop publishing techniques with strong visual impact. **(3 marks)**

Task 3 – Pictorial sketch

The candidate was awarded **5 out of 5 marks** for:

- accurate representation of the material thickness across all four sides and on the end of the finger joints **(1 mark)**
- accurate representation of the finger joints **(1 mark)**
- accurate representation of the handle **(1 mark)**
- good quality of sketch that is an accurate representation of the storage box **(2 marks)**

Candidate 5

The candidate has achieved **38 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **4 out of 4 marks** for:

- accurate modelling of the body (part 1) **(1 mark)**
- three related views of the body (part 1) **(1 mark)**
- correct auxiliary plan **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the top (part 2) **(1 mark)**
- correct elevation and sectional end elevation through cutting plane A-A (certain CAD software presents cutting planes in a format not showing the full line however, as it has been placed correctly, this mark is awarded as we are not assessing British Standards under this mark allocation) **(1 mark)**
- correct sectional plan through cutting plane B-B **(1 mark)**
- correct detail view of repeated pattern at scale of 4:1 **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **4 out of 5 marks** as follows:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- incorrect stepped sectional view through cutting plane X-X; the thick end of the cutting plane is touching the view **(0 marks)**
- correct detail view showing assembly of parts 1 and 4 at scale of 3:1 **(1 mark)** (although the detail view is not at the scale stipulated in the task, it is larger than the view it has been taken from and shows the requested information, so the mark is awarded)
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**

- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- Evidence of each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), title of drawing, scale, date and all sizes in millimetres. **(1 mark)**
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**. Although the centre lines on the plan view of the top (part 2) are incorrect, there are enough instances of correct centre lines/marks for the mark to be awarded.

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **6 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) are included, suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files are similarly positioned as shown on the data sheet. **(1 mark)**
- Correct materials/colours have been applied to STEP files and the lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- Incorrect viewpoints and scale have been used in rendered views; the second viewpoint is not scaled to focus on the lantern. **(0 marks)**
- Good application of appropriate lighting, highlights and shadows. **(1 mark)**
- Good render output quality with some pixelation or grain visible. **(1 mark)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **5 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified depth, texture and white space. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse, transparency and flow text along a path. **(1 mark)**
- The candidate has not included all copy text and is missing CMYK colours on layout 1. **(0 marks)**
- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **7 out of 11 marks** as follows:

- The candidate has used the correct structure and proportion, and notice has been taken of the folds. **(1 mark)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)** The candidate has also included shapes/graphics they have created themselves, but these are not considered when marking this task.
- The candidate has demonstrated incorrect use of copy text on stipulated sections. **(0 marks)**
- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of texture and depth. **(2 marks)**

- There is effective use of **two** DTP terms and techniques from the list in task 2(b); the candidate has correctly identified and made effective use of transparency and reverse. **(2 marks)**
- Although the candidate has demonstrated some knowledge in understanding how to create shapes, such as the scissors, these are not effective in creating a layout with any Higher level of skill, understanding or visual impact. **(0 marks)**

Task 3 – Pictorial sketch

The candidate was awarded **2 out of 5 marks** as follows:

- accurate representation of the material thickness across all four sides and on the end of the finger joints. **(1 mark)**
- Inaccurate representation of the finger joints, inconsistent width on both sides. **(0 marks)**
- No handle has been included in the sketch. **(0 marks)**
- This is a limited quality of sketch that is a reasonable representation of the storage box in 1 point perspective. **(1 mark)**

Candidate 6

The candidate has achieved **41 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **3 out of 4 marks** as follows:

- Accurate modelling of the body (part 1). **(1 mark)**
- Three related views of the body (part 1). **(1 mark)**
- The candidate has produced a true shape and not the auxiliary as indicated in the task. **(0 marks)**
- Inclusion of appropriate dimensions for manufacture. **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the top (part 2) **(1 mark)**
- correct elevation and sectional end elevation through cutting plane A-A **(1 mark)**
- correct sectional plan through cutting plane B-B **(1 mark)**
- correct detail view of repeated pattern at a scale of 4:1 **(1 mark)**
- inclusion of appropriate dimensions for manufacture **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- correct stepped sectional view through cutting plane X-X **(1 mark)**
- correct detail view showing assembly of parts 1 and 4 at a scale of 3:1 **(1 mark)**
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- Evidence of each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**

- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), title of drawing, scale, date, all sizes in millimetres. **(1 mark)**
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **9 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) included, suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files have been similarly positioned as shown on data sheet. **(1 mark)**
- Correct materials/colours have been applied to the STEP files and lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale in rendered views have been used. **(1 mark)**
- Skilled application of appropriate lighting, highlights and shadows. **(2 marks)**
- High render output quality with no pixelation or visible grain. **(2 marks)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **6 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified depth, texture, rhythm, emphasis and value. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse, full crop, square crop and transparency. **(1 mark)**
- The candidate has included the use, on both layouts, of copy text, company logo, three CMYK colours, three images or **two** images and viewpoint 1 from task 2(a). **(1 mark)** The slogan is crossing over two panels on layout 2, but this is a

planning document and one of the panels is the correct one, so the mark was awarded.

- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **4 out of 11 marks** as follows:

- The candidate has used the correct structure and proportion, and notice has been taken of the folds. **(1 mark)**
- There is no relationship between planning from task 2(b) and the final layout. The response is a third idea and shows no connection to the planning stage from task 2(b). **(0 marks)**
- The layout includes company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated incorrect use of copy text on stipulated sections; the slogan is on the wrong panel. **(0 marks)**
- The candidate has not identified any effective use of design elements or principles from the list in task 2(b). **(0 marks)**
- The candidate has only annotated **one** effective use of DTP terms and techniques from the list in task 2(b), which is transparency. **(1 mark)**
- The layout demonstrates basic skill and understanding of desktop publishing techniques with basic visual impact. **(1 mark)**

Task 3 – Pictorial sketch

The candidate was awarded **4 out of 5 marks** for:

- accurate representation of the material thickness across all four sides and on the end of the finger joints **(1 mark)**
- accurate representation of the finger joints **(1 mark)**
- accurate representation of the handle **(1 mark)**

- quality of the sketch is good, but the proportion of the box is incorrect and overall, not an accurate representation **(1 mark)**

Candidate 7

The candidate has achieved **38 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body *(part 1)*

The candidate was awarded **3 out of 4 marks** as follows:

- Accurate modelling of the body (part 1). **(1 mark)**
- Three related views of the body (part 1). **(1 mark)**
- Correct auxiliary plan. **(1 mark)**
- The candidate has not included enough appropriate dimensions for manufacture. **(0 marks)**

Task 1(a)(ii) – Related orthographic drawing of the top *(part 2)*

The candidate was awarded **5 out of 5 marks** as follows:

- Accurate modelling of the top (part 2) – the candidate has incorrectly overwritten the 25 dimension (it should read 20), but the modelling is correct, so the mark is awarded. **(1 mark)**
- Correct elevation and sectional end elevation through cutting plane A-A. **(1 mark)**
- Correct sectional plan through cutting plane B-B. **(1 mark)**
- Correct detail view of repeated pattern at a scale of 4:1. **(1 mark)**
- Inclusion of appropriate dimensions for manufacture – the candidate has enough dimensions ignoring the incorrect 25, so the mark is awarded. **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **4 out of 5 marks** as follows:

- Accurate modelling of the hanging loop (part 3). **(1 mark)**
- Accurate modelling of the plate (part 4). **(1 mark)**
- Incorrect stepped sectional view through cutting plane X-X; the thick end of plane is touching view at the bottom. **(0 marks)**
- Correct detail view showing assembly of parts 1 and 4 at a scale of 3:1. **(1 mark)**
- Accurate assembly of parts 1, 2, 3 and 4. **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- Evidence of each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), title of drawing, scale, date and all sizes are in millimetres. **(1 mark)**
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **7 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) are included, suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files are similarly positioned as shown on the data sheet. **(1 mark)**

- The candidate has only used the colour grey on the HOME STEP file when they were required to use two different colours. **(0 marks)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale in rendered views have been used. **(1 mark)**
- Skilled application of appropriate lighting, highlights and shadows. **(2 marks)**
- Good render output quality with some pixelation or grain visible. **(1 mark)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **3 out of 6 marks** as follows:

- The candidate has not produced two different effective ideas/possible solutions, and they are very limited in their variations. **(0 marks)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified alignment, emphasis, depth, shape, texture and grid structure. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified reverse, drop cap, text wrap, transparency and flow text along a path. **(1 mark)**
- The candidate has not included three CMYK colours on either of their proposed layouts. **(0 marks)**
- Appropriate layouts/thumbnails have been produced to a good level of clarity. **(1 mark)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **8 out of 11 marks** as follows:

- The candidate has demonstrated correct structure and proportion, and notice has been taken of folds. **(1 mark)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**

- The candidate has demonstrated incorrect use of copy text on stipulated sections; the slogan is on the wrong panel. **(0 marks)**
- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of alignment, grid structure, depth, shape, texture and emphasis. **(2 marks)**
- The candidate has only correctly identified and made effective use of **one** DTP term and technique from the list in task 2(b), which is reverse. **(1 mark)**
- The layout demonstrates a good skill and understanding of desktop publishing techniques and has some visual impact however, it is very simple; more creativity and skill would be required to access the full mark allocation. **(2 marks)**

Task 3 – Pictorial sketch

The candidate was awarded **3 out of 5 marks** as follows:

- accurate representation of the material thickness across all four sides and on the end of the finger joints **(1 mark)**
- accurate representation of the finger joints **(1 mark)**
- inaccurate representation of the handle; the curves on either side do not match each other **(0 marks)**
- limited quality of sketch that is a reasonable representation of the storage box in isometric **(1 mark)**

Candidate 8

The candidate has achieved **45 out of 50 marks**.

Task 1(a)(i) – Related orthographic drawing of the body (part 1)

The candidate was awarded **4 out of 4 marks** as follows:

- Accurate modelling of the body (part 1). **(1 mark)**
- Three related views of the body (part 1). **(1 mark)** The candidate has placed the end elevation on the left instead of the right as per the data sheet, but as the

object is symmetrical and therefore shows the same information on both the right and left views, the mark can still be awarded.

- Correct auxiliary plan. **(1 mark)** As above, the view shows the same information projected from the right-hand side so the mark can be awarded. The omission of hidden detail on the given view does not impact the relevant modelling information attained from this view, and so does not impact the awarding of the mark.
- Inclusion of appropriate dimensions for manufacture. **(1 mark)**

Task 1(a)(ii) – Related orthographic drawing of the top (part 2)

The candidate was awarded **4 out of 5 marks** as follows:

- Accurate modelling of the top (part 2). **(1 mark)**
- Correct elevation and sectional end elevation through cutting plane A-A. **(1 mark)**
- Incorrect placement of cutting plane for generating correct sectional plan; the plane is too high and gives an incorrect plan view. **(0 marks)**
- Correct detail view of repeated pattern at a scale of 4:1. **(1 mark)**
- Inclusion of appropriate dimensions for manufacture. **(1 mark)**

Task 1(b) – Assembled orthographic with a stepped section and a detail view

The candidate was awarded **5 out of 5 marks** for:

- accurate modelling of the hanging loop (part 3) **(1 mark)**
- accurate modelling of the plate (part 4) **(1 mark)**
- correct stepped sectional view through cutting plane X-X **(1 mark)**
- correct detail view showing assembly of parts 1 and 4 at a scale of 3:1 **(1 mark)**
- accurate assembly of parts 1, 2, 3 and 4 **(1 mark)**

Note; the inclusion of the base (provided for candidates as a STEP file) was not required to access marks in task 1.

Task 1(c) – Exploded isometric of assembly

The candidate was awarded **2 out of 2 marks** for:

- correct exploded isometric view **(1 mark)**
- demonstrating correct alignment, spacing and order of components with no overlaps **(1 mark)**

Task 1(d) – Standards and conventions

The candidate was awarded **3 out of 3 marks** as follows:

- Evidence of each type of British Standard dimensioning has been applied at least once, including linear, radial and diameter, parallel and chain. **(1 mark)**
- The templates include 3rd angle projection symbol, candidate name (which has been removed for Understanding Standards publication purposes), scale, date, all sizes are in millimetres. **(1 mark)** 'Task 1a I' etc is not an appropriate file name, but the candidate has generated other evidence to be awarded the mark.
- Centre lines, or centre marks have been applied a minimum of twice per drawing from drawings produced in 1(a)(i) and 1(a)(ii). **(1 mark)**

Task 2(a) – Rendered pictorial illustration

The candidate was awarded **8 out of 9 marks** as follows:

- The lantern and all STEP files (including base of lantern) included, suitably scaled and no objects are floating. **(1 mark)**
- The lantern and all STEP files have been similarly positioned as shown on the data sheet. **(1 mark)**
- Correct materials/colours have been applied to the STEP files and lantern. **(1 mark)**
- The decal has been correctly applied to the television. **(1 mark)**
- The correct viewpoints and scale in rendered views have been used. **(1 mark)**
- Skilled application of appropriate lighting, highlights and shadows. **(2 marks)**
- Good render output quality with some pixelation or grain visible. **(1 mark)**

Task 2(b) – Two Preliminary layouts

The candidate was awarded **6 out of 6 marks** as follows:

- There are two effective ideas/possible solutions taking notice of the folds. **(1 mark)**
- The candidate has identified appropriate use of **two** design elements or principles; they have correctly identified shape/unity, symmetrical balance, emphasis, texture and alignment. **(1 mark)**
- The candidate has identified appropriate use of **two** DTP terms and techniques; they have correctly identified drop cap, transparency, flow text along a path and text wrap. **(1 mark)**
- The candidate has included the use, on both layouts, of copy text, company logo, three CMYK colours, three images or two images and viewpoint 1 from task 2(a). **(1 mark)**
- Appropriate layouts/thumbnails have been produced to a high level of clarity. **(2 marks)**

Task 2(c) – Final copy of promotional poster

The candidate was awarded **10 out of 11 marks** as follows:

- The candidate has used the correct structure and proportion, and notice has been taken of the folds. **(1 mark)**
- The candidate has shown a relationship between planning from task 2(b) and the final layout. **(1 mark)**
- The layout includes company logo, a minimum of three CMYK colours, either three images from data sheet 7 or 8, or two images from data sheet 7 or 8 and viewpoint 1 from task 2(a). **(1 mark)**
- The candidate has demonstrated the correct use of copy text on stipulated sections. **(1 mark)**
- There is effective use of **two** design elements or principles from the list in task 2(b); the candidate has correctly identified and made effective use of alignment, symmetrical balance and emphasis. **(2 marks)**
- The candidate has only correctly identified and made effective use of **one** DTP terms and techniques from the list in task 2(b), which is flow text along a path. **(1**

mark) The text wrap and transparency are not effective, and the drop cap is not correctly produced.

- The layout demonstrates a high skill and understanding of desktop publishing techniques, with strong visual impact. **(3 marks)**

Task 3 – Pictorial sketch

The candidate was awarded **3 out of 5 marks** as follows:

- Inaccurate representation of the material thickness as it is too thick/inconsistent. **(0 marks)**
- Accurate representation of the finger joints. **(1 mark)**
- Accurate representation of the handle. **(1 mark)**
- Limited quality of sketch that is a reasonable representation of the storage box, although the base is too deep. **(1 mark)**