## Section A

## Answer all questions in this section

A1 A logo for a garden centre is shown below.


Complete the full-size drawing of the logo in the space provided to the right by adding:
(a) the missing base of the tree
(b) two missing triangles on the tree [2]
[3]
(c) the missing parts of the plant pot [2]
(d) the missing leaf
[2]
(e) the missing flower head [5]
(f) the missing outer hexagon. [3]


A2 Orthographic views of a plastic plant pot from the garden centre are shown below.

plan


Complete the full-size drawing of the plant pot in the space provided to the right by adding:
(a) the top ellipse: Major axis 140 Minor axis 80 [6]
(b) the sides of the plant pot.
[1]

A3 The plant pot is made from one piece of thin plastic sheet.
State one method that could be used to manufacture the plant pot
$\qquad$


## Section B

Answer one question, either question B4 or B5, from this section.
B4 Orthographic views of a garden container are shown below.

plan

front view
(a) Complete the planometric view of the garden container to a scale of 1:5
[14]
(b) Another type of garden container is shown below.

Apply thick and thin line technique to the garden container.

(c) A tray for carrying plants is shown below.


Complete the estimated two-point perspective view of the tray.
planometric view



5 A garden lantern is shown below.

(a) Complete the orthographic views of the
garden lantern to a scale of 1:2.

plan

nt view
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(b) The garden lantern has four pieces of 2 mm glass which fit inside the metal frame.

One of the glass pieces is shown below.
Render the drawing to make it look like glass.
[2]

(d) A laser cutter will be used to make the acrylic base of the garden lantern in part (c).
(i) Explain why only the base of the garden lantern could be made by using a laser cutter.
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$\qquad$
$\qquad$
(ii) State one suitable adhesive that could be used to join the acrylic parts of the garden lantern together.
$\qquad$
(iii) A 'TOXIC' symbol is used on the packaging of many adhesives to warn people to be careful when using them.

Draw a symbol used to show something is 'TOXIC' in the space below.

