

Answers and marking guidance

Award one mark per correct, developed point unless stated. Other valid answers should be credited.

2 Describe how snap fits and knock-down fittings could be used in the assembly of the unit, giving an advantage of each.

- Snap fit: moulded flexible lug clicks into a recess to join plastic parts
- Snap fit advantage: fast assembly with no tools or separate fixings
- Knock-down fitting: e.g. cam lock and dowel joins MDF panels at right angles
- Knock-down advantage: can be flat-packed, assembled by the consumer and taken apart again

No marks for: Only one method covered: maximum 2 marks

3 Quick check

- a) To guide the screw and stop the wood splitting
- b) A spangled, mottled surface
- c) Housing
- d) Spot welding

4 Key terms

- 1 – C
- 2 – E
- 3 – F
- 4 – D
- 5 – A
- 6 – B

5 Explain what is meant by 'Snap fit'.

- Moulded clips that click together; fast assembly, no extra parts.

6 Explain what is meant by 'Spot welding'.

- Fast automated welding of overlapping sheet steel (car bodies).

7 Explain what is meant by 'Galvanising'.

- Dipping steel in molten zinc; spangled finish; prevents rust.