

Commentary on candidate evidence

Candidate 4

The candidate was awarded a total of **37 marks**.

Section 1

Question 1(a)

The candidate was awarded **5 marks** for the following responses:

- 'stainless steel is suitable because it is chemical resistant...easy to clean incase of spillages'
- 'stainless steel frame ... it's scratch resistant...maintains a clean look'
- 'oly propylene...come in a variety of colours'
- 'mild steel...durable...withstand wear and tear'
- 'ABS shelves and handles...lightweight...transported into storage'

Question 1(b)

The candidate was awarded **0 marks** because the response is incorrect.

Question 1(c)

The candidate was awarded **3 marks** for the following responses:

- 'wheels allowing it to be easily transported around'
- 'hooks...additional storage for items that can attach'
- 'barrier...means stuff cannot fall of'

Question 1(d)

The candidate was awarded **2 marks** for the following responses:

- Benefit: 'cheaper than you yourself making them'
- 'Been through quality assurance...relatively high standard'

Question 1(e)

The candidate was awarded **3 marks** for the following responses:

- 'Physical modelling allows you to gather information on sizes...scale model'
- 'Physical modelling can help you better visualise the design in 3D'
- 'help with idea generation...see room for improvement'

Section 2

Question 2(a)

The candidate was awarded **3 marks** for the following responses:

- 'Abs'
- 'lightweight...won't be too heavy for the user'
- 'comes in a variety of colours'

Question 2(b)

The candidate was awarded **2 marks** for the following responses:

- 'comfortable...long periods of time'
- 'must be adjustable for the child's growing head'

Question 2(c)

The candidate was awarded **2 marks** for the following responses:

- 'user trial that will test...different circumstances like crashes and falls'
- 'how it lasts after a period of time'

Question 3(a)

The candidate was awarded **2 marks** for the following responses:

- 'allows the designer to have more creative freedom'
- 'might not fit into the client's needs'

Question 3(b)

The candidate was awarded **1 mark** for the following responses:

- 'Stick to the brief easier knowing what he should and shouldn't do'

Question 3(c)

The candidate was awarded **2 marks** for the following responses:

- 'create a table with columns with different ideas' (key stage)
- 'randomly select different ones to then create a random design' (key stage)

Question 3(d)

The candidate was awarded **0 marks** because the response is incorrect.

Question 4(a)

The candidate was awarded **3 marks** for the following responses:

- 'celebrity endorsements...promote your product'
- 'BOGOF deals'
- 'Bill boards, TV and the radio...more people see it'

Question 4(b)

The candidate was awarded **2 marks** for the following responses:

- 'Produce add ons for the product which will increase sales'

- 'deals to get more people to start buying the product'

Question 5(a)

The candidate was awarded **2 marks** for the following responses:

- 'diameter of handle...average grip size'
- 'Width of the buttons...width of fingertips'

Question 5(b)

The candidate was awarded **0 marks** because they did not attempt the question.

Question 5(c)

The candidate was awarded **1 mark** for the following responses:

- 'no one can rip you off and steal your idea or product'

Question 6(a)

The candidate was awarded **0 marks** for 'Flame test' because their response did not refer to metal or plastic.

Question 6(b)

The candidate was awarded **1 mark** for the following responses:

- 'if the product is hollow'

Question 6(c)

The candidate was awarded **2 marks** for the following responses:

- 'Gantt charts...helping you stick to deadlines'
- 'helps project manager oversee it'

Question 7

The candidate was awarded **1 mark**. This question is marked holistically and the marks awarded are for the overall response rather than individual points made. In terms of assessing knowledge of how consideration of the environment impacts products, this candidate has demonstrated limited knowledge and has given a response which represents the minimum that would be acceptable for a mark.