

Commentary on candidate evidence

The evidence for these candidates has achieved the following marks for each question of this course assessment component.

Candidate 1

Section 1

Question 1(a)

The candidate was awarded **3 marks**.

- ◆ 'ABS adjustable footrest is suitable because it's easy to clean.'
- ◆ 'The carbon fibre back wheels are suitable because they are durable and hard wearing.'
- ◆ 'aluminium frame is suitable because it won't rust'

Question 1(b)

The candidate was awarded **5 marks**.

- ◆ 'Injection moulding could have been used for the adjustable footrests'
- ◆ 'Provide the detail.'
- ◆ 'Extrusion could have been used for the tubular aluminium frame'
- ◆ 'continuous cross section.'
- ◆ 'fast and efficient, meaning it saves time. Also it would appear that it is relatively cheap.'

Question 1(c)

The candidate was awarded **1 mark**.

- ◆ 'The collapsible wheelchair must be easy to store away.'

Question 1(d)

The candidate was awarded **0 marks** because they did not answer the question. The answers given are related to the consumer not the manufacturer.

Question 1(e)

The candidate was awarded **1 mark**.

- ◆ 'The arm length must be able to Reach the wheel.'

Section 2

Question 2(a)

The candidate was awarded **0 marks** because they did not answer the question.
(No marks would be awarded for mass production).

Question 2(b)

The candidate was awarded **0 marks** because they did not answer the question.
(No marks would be awarded for durable as there is no explanation).

Question 2(c)

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

Question 3(a)

The candidate was awarded **2 marks**.

- ◆ 'you can easily change the sizes of the product'
- ◆ 'You can get a clear vision ... what will look best.'

Question 3(b)

The candidate was awarded **1 mark**.

- ◆ 'more people are attracted to the products'

Question 3(c)

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

Question 3(d)

The candidate was awarded **0 marks** because they did not answer the question.
(No marks for simply stating what they can see in the graph).

Question 4(a)

The candidate was awarded **1 mark**.

- ◆ 'the silver/black razor has two colours which give off a contrast'

Question 4(b)

The candidate was awarded **1 mark**.

- ◆ 'Test model'

Question 5(a) (i)

The candidate was awarded **2 marks**.

- ◆ 'to find out information on what the product must include'
- ◆ 'you might need to include the size 250 – 260mm in your Product'

Question 5(a) (ii)

The candidate was awarded **1 mark**.

- ◆ 'so you know what materials to use'

Question 5(b)

The candidate was awarded **0 marks** because they did not answer the question. This response is too simplistic and simply repeats the question.

Question 5(c)

The candidate was awarded **1 mark**.

- ◆ 'use materials that you can recycle.'

Question 6(a)

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

Question 6(b)

The candidate was awarded **1 mark**.

- ◆ 'The purpose of Ribs/webs is to provide extra support'

Question 6(c)

The candidate was awarded **0 marks** because they did not give enough detail to gain a mark.

Question 7

The candidate was awarded **0 marks** because they display no clear knowledge and understanding of how graphics can be used during the design process. There is no reference to types of graphics, much of the response does not answer the question and the answer is simply too thin.

Total – 20 marks out of 80