

Commentary on candidate evidence

The candidate evidence has achieved the following marks for each question of this course assessment component: question paper.

Candidate 1

Section 1

The candidate chose to respond to question 2 (product evolution).

Question 2(a)

The candidate was awarded **1 mark** because there was limited or generic description of how the change in society has influenced the evolution of a product(s) they had studied. There was little reference to change in society and change in the coffee pods.

Question 2(b)

The candidate was awarded **3 marks** because there is a description of key changes which occurred during evolution of coffee machines. A detailed description was required in order to achieve full marks.

Question 2(c)

The candidate was awarded **1 mark** because there is limited description of the work of a company.

Section 2

Question 3(a)

The candidate was awarded **2 marks** because there is some explanation of the importance of defining a clear brief and specification and references to developing products such as the Air Pocket.

Question 3(b)

The candidate was awarded **4 marks** because there are four valid points; withstand chemicals/corrosion, durability, melting point, and weight.

Question 3(c)

The candidate was awarded **1 mark** for endorsement by the fire brigade or government (not celebrity endorsement). The second paragraph is too generic to be awarded marks.

Question 4(a)

The candidate was awarded **1 mark** for the limited reference to drawback of brainstorming.

Question 4(b)

The candidate was awarded **1 mark** for the point about two-shot injection moulding. No marks were awarded for the answer about injection moulding as it is not an accepted response.

Question 4(c)

The candidate was awarded **1 mark** for a limited outline of ways in which to quality assure safety (testing).

Question 5(a)

The candidate was awarded **2 marks**; 1 mark for the valid overall description of technology push, 1 mark for the valid overall description of market pull.

Question 5(b)

The candidate was awarded **2 marks** because there is some discussion of advantages 3D printing. Their first two paragraphs overlap, and the answer is too generic to gain marks above bottom of middle band.

Question 5(c)

The candidate was awarded **1 mark**. The answer is not specific enough to attract full marks but there is enough valid responses in the paragraph one and three to attract 1 mark.

Question 5(d)

The candidate was awarded **2 marks** because the second paragraph gives a risk of launching a radical product and a method of overcoming it. The rest of the answer is generic and does not apply to radical products.

Question 6(a)

The candidate was awarded **1 mark** because of the reference to colour in the second paragraph. The rest of the answer does not address the question.

Question 6(b)

The candidate was awarded **2 marks** because the answer demonstrates knowledge and understanding of the subject matter. This can be seen predominantly in the second paragraph.

Question 6(c)

The candidate was awarded **3 marks** as they have made three valid points; split lines, injection/ejection points, wall thicknesses.

Total Marks: 28/65