

Commentary on candidate evidence

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

Candidate 3

Section 1

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

Question 2(a)

The candidate was awarded **3 marks** because there is demonstration of enough knowledge and understanding to get into the middle band.

Question 2(b)

The candidate was awarded **4 marks** because there is some description of key changes including date. There is not enough detail to get into the top band.

Question 2(c)

The candidate was awarded **1 mark** because although three companies are mentioned, there is limited detail.

Section 2

Question 3(a)

The candidate was awarded **2 marks** because several statements (bullet points 1,3 and 4) are repeated for different issues.

Question 3(b)

The candidate was awarded **4 marks** because there are four valid points; fire resistant, non-toxic, lightweight, waterproof.

Question 3(c)

The candidate was awarded **4 marks**; 2 marks for magazine adverts, method, and clear explanation. Two marks for online advert drawing from browsing history (searching for new equipment).

Question 4(a)

The candidate was awarded **1 mark** for the limited reference to benefits and drawbacks of valid idea generation techniques.

Question 4(b)

The candidate was awarded **4 marks**; 3 marks for two bullet points about injection moulding and 1 mark for first bullet point about two shot injection moulding.

Question 4(c)

The candidate was awarded **0 marks** there is no reference to quality assurance.

Question 5(a)

The candidate was awarded **0 marks** because there is no valid answer.

Question 5(b)

The candidate was awarded **4 marks** because there is clear discussion of advantages 3D printing.

Question 5(c)

The candidate was awarded **0 marks** because there is no valid answer.

Question 5(d)

The candidate was awarded **4 marks** because there are four valid points, including explanations about how risks could be overcome.

Question 6(a)

The candidate was awarded **3 marks**; 1 mark for each of the first three paragraphs (the response in the fourth paragraph repeats the response given in the third paragraph).

Question 6(b)

The candidate was awarded **3 marks** because there is enough discussion to gain marks is middle band but not detailed enough to reach top band.

Question 6(c)

The candidate was awarded **1 mark** as they have made one valid point in the third paragraph (thickness of the metal).

Total Marks: 38/65