

# Commentary on candidate evidence

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

## Candidate 2

### Section 1

The candidate chose to respond to question 1(product analysis).

#### Question 1(a)

The candidate was awarded **3 marks** because they demonstrated knowledge and understanding of the subject matter in identifying specific processes. They outlined identifying features and suitability in first two bullet points. The information on screws is incorrect and was awarded no marks.

#### Question 1(b)

The candidate was awarded **3 marks** because there is some description of the impact the product(s) materials have on the environment and society. There is not enough specific detail to allow marks to be awarded in the top band.

#### Question 1(c)

The candidate was awarded **4 marks** because they described four tests. There was not enough detail, however, to be awarded marks in the top band.

#### Question 1(d)

The candidate was awarded **1 mark** for the discussion of suitability of mass manufacture. JIT description does not contain enough detail to be awarded a mark.

### Section 2

#### Question 3(a)

The candidate was awarded **2 marks** for some reference to defining a clear brief and specification (client needs, time/money saved/product requirements).

#### Question 3(b)

The candidate was awarded **4 marks** because there are four valid points; temperature resistance, water resistance, durability, and weight.

**Question 3(c)**

The candidate was awarded **4 marks** because they identified two techniques (sponsorship and targeted on-line advertising) and gave suitable explanations.

**Question 4(a)**

The candidate was awarded **4 marks** for valid discussion of benefits and drawbacks of four idea generation techniques.

**Question 4(b)**

The candidate was awarded **4 marks**; 3 marks were awarded for points about injection moulding. One mark was awarded for the first comment about two-shot injection.

**Question 4(c)**

The candidate was awarded **4 marks** for clear and detailed outline of ways in which safety could be quality assured.

**Question 5(a)**

The candidate was awarded **3 marks**; 2 marks for the overall description of technology push, 1 mark for overall description of market pull.

**Question 5(b)**

The candidate was awarded **3 marks** because there is discussion of advantages of 3D printing in the manufacture of the outer shoe. The first two paragraphs are generic and do not demonstrate enough knowledge to be awarded a mark.

**Question 5(c)**

The candidate was awarded **1 mark** because they made one valid point (bullet point 2).

**Question 5(d)**

The candidate was awarded **3 marks** because they outlined risks, although there are some generic comments and overlap in their answer.

**Question 6(a)**

The candidate was awarded **4 marks** because they made four valid points (two on physiology, two on psychology).

**Question 6(b)**

The candidate was awarded **4 marks** because they of the detailed discussion on balance between ergonomics, performance, and aesthetics for 'The-O' exercise bike.

**Question 6(c)**

The candidate was awarded **3 marks** as they have made three valid points; split lines, shrinkage, draft angles.

**Total Marks: 54/65**