

Commentary on candidate evidence

The candidate evidence has achieved the following marks for each question of the question paper.

Candidate 4

Section 1

The candidate has received **50 marks** out of 60 for this section.

Question 1(a)i

The candidate was awarded **1 mark** because 'scots pine' is an accepted response.

Question 1(a)ii

The candidate was awarded **1 mark** because 'cheaper than other woods' is an accepted response.

Question 1(b)i

The candidate was awarded **2 marks** because 'use a marking gauge to scratch a straight line parallel to the sides' and 'use a try square to draw a straight line' are accepted responses. There is also information for the candidate to attract marks in the sketches as they clearly show the correct tools in use along with dimensions.

Question 1(b)ii

The candidate was awarded **1 mark** because 'set the depth stop' is an accepted response.

Question 1(b)iii

The candidate was awarded **1 mark** because 'Dove tail' is an accepted response.

Question 1(c)i

The candidate was awarded **0 marks** because 'Epoxy resin' is not an accepted response.

Question 1(c)ii

The candidate was awarded **1 mark** because 'F-clamps' is an accepted response.

Question 1(c)iii

The candidate was awarded **2 marks** because 'Don't overload the brush' and 'Sand it down between layers' are accepted responses. 'layer it up' would also be an accepted response as it implies multiple layers applied.

Question 1(d)i

The candidate was awarded **1 mark** because 'scroll saw' is an accepted response.

Question 1(d)ii

The candidate was awarded **2 marks** because 'Draw file it using a file' and 'Clean it off with steel wool' are accepted responses.

Question 1(e)i

The candidate was awarded **1 mark** because 'Mahogany' is an accepted response.

Question 1(e)ii

The candidate was awarded **2 marks** because 'Mark out two lines from the diagonals' and 'Mark out with a compass and pencil the diameter of the earphone holder' are accepted responses. The text response is also supported with sketches.

Question 1(e)iii

The candidate was awarded **2 marks** because 'Turn the wood quickly in the lathe.' and 'Hold wood shaving against it.' are accepted responses.

Question 1(f)

The candidate was awarded **2 marks** because 'It's suitable for metal and wood' and 'It's durable' are accepted responses. 'It's strong' would also be an accepted response to gain a mark.

Question 1(g)i

The candidate was awarded **3 marks** because 'use odd leg callipers to mark out the line...', 'Use a steel rule and scribe to scratch...' and 'use a punch and hammer to mark...' are accepted responses.

Question 1(g)ii

The candidate was awarded **2 marks** because 'Use metal former...' and 'using a hammer whack it as close to the bend...' are accepted responses.

Question 1(g)iii

The candidate was awarded **2 marks** because 'ensures all the product is covered' and 'prevents corrosion' are accepted responses.

Question 2(a)

The candidate was awarded **1 mark** because 'How easy it is to set-up and take down.' is an accepted response.

Question 2(b)

The candidate was awarded **3 marks** because 'Make...questions.', 'Send it out to ...people' and 'Analyse and display the results.' are accepted responses.

Question 3

The candidate was awarded **3 marks** because 'get in a group', 'think of any ideas and write them down' and 'get inspiration from other peoples ideas' are accepted responses.

Question 4(a)

The candidate was awarded **2 marks** because 'clearly displays the components' and 'clearly displays sizes' are accepted responses.

Question 4(b)

The candidate was awarded **2 marks** because 'Easy to share with people' and 'Easy to make amendments' are accepted responses.

Question 5

The candidate was awarded **1 mark** because 'give you a clear image of what it looks like' is an accepted response.

Question 6(a)

The candidate was awarded **1 mark** because 'How heavy it is to move around' is an accepted response as it refers to strength of user. The remainder of the response from the candidate does not reference a body part in relation to the lounge.

Question 6(b)

The candidate was awarded **1 mark** because 'How easy it is to fold in and out' is an accepted response.

Question 6(c)

The candidate was awarded **2 marks** because 'Made from hard wearing materials' and 'easy for the consumer to repair' are accepted responses.

Question 7(a)

The candidate was awarded **1 mark** because 'when a certain thing is invented' is an accepted response.

Question 7(b)

The candidate was awarded **1 mark** because 'when consumers are looking for a product' is an accepted response.

Question 7(c)

The candidate was awarded **2 marks** because 'Adverts on billboards and TV.' and 'Celebrity endorsement.' are accepted responses.

Question 8

The candidate was awarded **4 marks** because 'looking from the front...very symmetrical', 'yellow and black contrast', 'looks smooth in texture' and 'sticker...add to race car theme' are accepted responses.

Section 2

The candidate has been awarded **18 marks** out of 20 for this section.

Question 9(a)i

The candidate was awarded **2 marks** because 'Cast iron' and 'It's heavy' are accepted responses.

Question 9(a)ii

The candidate was awarded **1 mark** because 'polypropylene' is an accepted response. The response for suitability cannot be awarded a mark.

Question 9(b)

The candidate was awarded **1 mark** because 'line where the two halves of the mould join' is an accepted response.

Question 9(c)i

The candidate was awarded **1 mark** because 'die casting' is an accepted response.

Question 9(c)ii

The candidate was awarded **1 mark** because 'Injection moulding' is an accepted response.

Question 10(a)

The candidate was awarded **4 marks** because 'more accurate', 'all exactly the same', 'quicker than traditional methods' and 'cheaper to run than employ workers' are accepted responses.

Question 10(b)

The candidate was awarded **2 marks** because 'Deskilled workforce' and 'Made lots of products cheaper' are accepted responses.

Question 11(a)

The candidate was awarded **2 marks** because 'Finished to a better quality.' and 'Could be longer lasting' are accepted responses.

Question 11(b)

The candidate was awarded **4 marks** because 'Make components recyclable.', 'Use standard components...more fixable', 'Source material locally' and 'Use recycled materials' are accepted responses.

Total: 68 out of 80 marks