

Candidate 1

Question 1 (Max 4 marks)

Only mark 1 was not awarded (follow-through marks awarded).

Question 2 (Max 4 marks)

Marks 1 and 2 were not awarded (there is no mention of surgeons or of proportionate sampling).

Candidate 2

Question 3 (Max 5 marks)

Only mark 2 was awarded (wrong test, poor conclusion and explanation given).
The candidate did not appreciate the clue in (b) that might have suggested a rethink of (a).

Candidate 3

Question 4 (Max 6 marks)

Marks 3 and 4 were not awarded (there is no mention of normal approximation and there is a wrong parameter).
The candidate has included an unnecessary amount of working throughout.

Candidate 4

Question 5 (Max 8 marks)

Marks 1 and 4 were awarded.
Mark 7 was not awarded (there is no mention of watering or significance level).

Candidate 5

Question 6 (Max 12 marks)

Mark 1 was not awarded (there is no WECO rule quoted).
For (b) only 1 mark was awarded (wrong parameter and failure to double).
Only mark 10 was awarded thereafter.
The candidate has ignored the clue in (e).

Candidate 6

Question 7 (Max 10 marks)

Marks 1-3 were not awarded.
Marks 4-10 were awarded (on follow-through).
The candidate has included an unnecessary amount of working.

Candidate 7

Question 8 (Max 8 marks)

Marks 6 and 7 were not awarded (there is no reference to either H_0 or evidence).

Candidate 8

Question 9 (Max 11 marks)

Marks 2-4 were not awarded (there is no mention of constant rate and wrong probability given).

Marks 9 and 11 were not awarded (the candidate has failed to use a continuity correction and there is not quite enough rigor).

Candidate 9

Question 10 (Max 8 marks)

Full marks were awarded but note the excessive working, particularly for part (a).

Candidate 10

Question 11 (Max 14 marks)

The candidate gave a model answer to a straight forward question.

There was cause for concern about the approach taken by many candidates in this question.

Candidate 11

Question 11 (Max 14 marks)

Marks 9 and 13 were not awarded (assumption and conclusion lacks context).

Mark 14 was not awarded (not really about paired data).

Candidate 12

Question 12 (Max 10 marks)

Marks 1 and 4 were not awarded (linear association is really a requirement for mentioning in both).

Marks 8-10 were not awarded (the candidate has missed the point of these last two parts).