

Candidate 2

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

Question			Max mark	Mark	Commentary
Q1			9	4	
1	a	i	2	2	
		ii	1	1	
		iii	1	1	
	b	i	1	0	The candidate refers to an incorrect figure.
		ii	1	0	The candidate's response 'produce more offspring' is not equivalent to more time for reproduction.
	c	i	2	0	The candidate has described rather than explained the lines of best fit.
		ii	1	0	The candidate has not captured the idea of points being far from the line – 'do not follow' is not equivalent.
Q2			5	1	
2	a		1	0	
	b	i	1	0	
		ii	1	1	The response is just acceptable for option 1 in the Marking Instructions.
	c		1	0	The candidate has given an example of another cell type.
	d		1	0	The candidate's response 'aren't reused' negates the idea of replacement.
Q3			7	3	
3	a		1	0	The candidate's response does not indicate the level of drug.
	b		1	N/R	
	c		1	1	The response is equivalent to option 1 in the Marking Instructions.
	d		1	1	The response 'Only 52' is equivalent to not all.
	e		1	0	
	f		2	1	Conclusion 1 is acceptable.
Q4			6	5	
4	a		1	1	
	b		1	1	
	c		1	1	
	d		2	2	
	e		1	0	
Q5			4	4	
5			4	4	The candidate was awarded points 2, 4, 5 and 8.
Q6			5	1	
6	a		1	1	The reference to kidney tubules was ignored.
	b		2	0	It was incorrect to refer to the pump as a channel. The candidate states ATP is phosphorylated. Affinity for ions changes is not equivalent to lowered affinity.
	c		2	0	Affinity for sodium ions remains low, not decreases.

Question			Max mark	Mark	Commentary
Q7			5	3	
7	a	i	1	1	
		ii	1	1	
	b	i	1	0	The candidate's working shows 0.05 value (no units) but is not then referred to in the response.
		ii	1	0	The candidate does not refer to critical value.
		iii	1	1	
Q8			4	2	
8	a		1	0	
	b	i	2	1	The first mark was awarded. 'New variation' is not equivalent to new combination of alleles.
		ii	1	1	
Q9			5	2	
9	a		1	0	
	b	i	2	1	The candidate does not refer to bite force or microbes but has the idea of survive/breed/pass on genes.
		ii	1	1	
	c		1	0	The response is not describing a feature of a representative sample.
Q10			6	5	
10	a		1	1	
	b	i	1	1	
		ii	1	0	The candidate does not refer to increased male reproductive success.
		iii	1	1	'Selective advantage' is equivalent to more favourable alleles.
	c	i	1	1	The use of 'species' is just sufficient for option 3 on the Marking Instructions (communication).
		ii	1	1	
Q11			9	6	
11	A	i	4	3	The candidate was awarded points 1, 2 and 4. Point 4: 'allows' is just acceptable. Point 1: The point was awarded as parent is used in the collective sense.
		ii	5	3	Awarded points c, d and e. Point c: 'damaged' is equivalent to disturbed and 'repopulate' is equivalent to recolonise.
	B	i	7	N/R	
		ii	2	N/R	