

Candidate 1

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	5	
1	a	i	2	2	
		ii	1	0	
		iii	1	1	
	b	i	1	1	
		ii	1	0	The candidate has made no reference to 'more time'.
	c	i	2	1	The converse of point two is accepted (second incorrect statement – reference to egg survival doesn't negate).
		ii	1	0	
Q2			5	1	
2	a		1	1	
	b	i	1	0	
		ii	1	0	
	c		1	0	
	d		1	0	The candidate's response is not clearly linked to one of the 3Rs.
Q3			7	5	
3	a		1	1	
	b		1	1	
	c		1	1	Award for 4 th marking point – 'affecting the symptoms' is equivalent to responsible for effect.
	d		1	0	The experiment was carried out across several health centres.
	e		1	1	
	f		2	1	Conclusion 1 is acceptable for the last marking point but conclusion 2 refers to table 1 but does not give a general trend (single data point).
Q4			6	5	
4	a		1	1	
	b		1	1	
	c		1	1	
	d		2	2	Accept converse of second mark point (increase for normal is greater, is equivalent to increase for sickle is less).
	e		1	0	Clumping is due to hydrophobic interactions not hydrogen bonding.
Q5			4	4	
5			4	4	Awarded points 2, 3, 6 and 7 (8 also present but not awarded as maximum achieved).
Q6			5	5	
6	a		1	1	

Question			Max mark	Mark	Commentary
	b		2	2	
	c		2	2	
Q7			5	7	
7	a	i	1	1	
		ii	1	1	
	b	i	1	1	The unit has not been given for critical value but can be accepted as it follows on from the correct unit in the calculated value immediately preceding 0.05.
		ii	1	1	The candidate has stated daily levels fall below critical value (even though they have changed units).
		iii	1	1	
Q8			4	3	
8	a		1	1	
	b	i	2	1	The second mark point is achieved.
		ii	1	1	
Q9			5	4	
9	a		1	0	Not increase in proportion.
	b	i	2	2	
		ii	1	1	
	c		1	1	
Q10			6	3	
10	a		1	1	
	b	i	1	0	Attract potential mate is not equivalent to female choice.
		ii	1	0	The candidate has made no reference to increased reproductive success of males.
		iii	1	0	The candidate has made no reference to increased survival of offspring.
	c	i	1	1	
		ii	1	1	
Q11			9	5	
11	A	i	4	N/R	
		ii	5	N/R	
	B	i	7	4	The candidate was awarded points 3, 4, 5, 7 (spread of parasites = transmission).
		ii	2	1	Awarded point a.