



GCSE

Science A 4461

Biology 4411

BLY1A F & H

Mark Scheme

2007 examination - June series

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

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BLY1A (Human Biology)
Foundation Tier

Question	Key			
One	A	contains receptors that help the rider to keep his balance on the camel	4	
	B	contains receptors that help the rider to feel the reins	3	
	C	contains receptors that help the rider to see the road	1	
	D	contains receptors that help the rider to smell the air	2	
Two	A	leprosy	4	
	B	limb abnormalities	3	
	C	morning sickness	2	
	D	difficulty in sleeping	1	
Three	A	brings about a change in the body	4	
	B	carries nerve impulse	2	
	C	coordinates a response	3	
	D	detects changes	1	
Four	A	eggs	2	
	B	ovaries	3	
	C	pituitary gland	1	
	D	womb	4	
Five	A	hepatitis type b	4	
	B	MMR	1	
	C	pneumococcal infection	3	
	D	tetanus	2	
Six	A	a conclusion	4	
	B	a hypothesis	2	
	C	the independent variable	3	
	D	an observation	1	
	A	B	C	D
Seven	2	4	2	1
Eight	3	2	3	4
Nine	4	3	1	1

BLY1A (Human Biology)
Higher Tier

Question	<i>Key</i>			
One	A	a conclusion	4	
	B	a hypothesis	2	
	C	the independent variable	3	
	D	an observation	1	
Two	A	FSH	3	
	B	FSH and LH	4	
	C	LH	1	
	D	oestrogen	2	
	A	B	C	D
Three	3	2	3	4
Four	4	3	1	1
Five	4	4	1	2
Six	4	4	2	2
Seven	2	1	3	1
Eight	3	4	3	2
Nine	3	4	1	1