

Our ref: MM/NQ/Jan07

22 June 2007

To: Directors of Education  
SQA Co-ordinators  
Biology Assessment Panel members  
Customer Account Managers

**For the attention of all staff responsible for the delivery  
of National Qualifications in Biology and Human Biology**

Action by Recipient
Response required
✓ Note and pass on
None — update/information only

Contact Name: Margot McKerrell  
Direct Line: 0845 213 5509  
E-mail: [margot.mckerrell@sqa.org.uk](mailto:margot.mckerrell@sqa.org.uk)

Dear Colleague,

**National Assessment Bank Materials update — Biology and Human Biology**

This letter provides centres with information on the National Assessment Bank materials for National Qualifications in Biology and Human Biology.

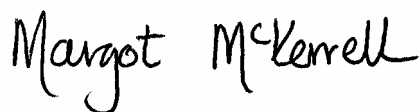
An exercise has been carried out to review NAB instruments of assessments and marking instructions. This review has comprised of the correction of errors identified within instruments of assessment and the addition of further acceptable/unacceptable answers in marking instructions. In some cases, there have been no changes to either the instrument of assessment or the marking instructions. Tables are included with this letter identifying amendments which have been made to each NAB.

Also, the surround information regarding the conditions and arrangements for carrying out the assessment of outcomes one and two and for carrying out outcome three has been included with all versions of the NABs. Previously, this surround information was included with NAB version 001 only.

NABs are available from secure area of SQA's website, which may be accessed by the centre Co-ordinator.

I hope that the contents of this letter are helpful to you. Please do not hesitate to contact me if you require further clarification. I can be contacted through the e-mail address and the direct phone number noted above and also via the e-mail link on the Biology or Human Biology pages of SQA's website ([www.sqa.org.uk](http://www.sqa.org.uk)). The Qualifications Officer is Paula Greenwood and she can be contacted by e-mail ([paula.greenwood@sqa.org.uk](mailto:paula.greenwood@sqa.org.uk)) or by telephone (0845 213 5512).

Yours sincerely



Margot McKerrell  
Qualifications Manager

**ACCESS 3 NABS ISSUED MAY 2007**

Unit no.		NAB version	Question	Amendment made
D023 09	Health and Technology	001	Q4(a)	Marking instruction
		002	Q6(b) Q6(a)	Instrument of assessment Marking instruction
		003		No change
D024 09	Biotechnological Industries	001		No change
		002	Q2(a)(ii)	Marking instruction
		003	Q5(a)(i)	Marking instruction
D025 09	Growing Plants	001	Q5(a)	Marking instruction
		002	Q4(a)	Marking instruction
		003		No change

**INTERMEDIATE 1 NABS ISSUED MAY 2007**

Unit no.	Title	NAB version		Amendment made
D023 10	Health and Technology	001		No change
		002	Q3 Q1 Q3	Instrument of assessment Marking instruction Marking instruction
		003		No change
		004	Q2	Marking instruction
		005	Q4 Q6(a)(i)	Instrument of assessment — diagram improved Marking instruction
D024 10	Biotechnological Industries	001		No change
		002		No change
		003	Q7	Marking instruction
		004	Q5	Marking instruction
		005		No change
D025 10	Growing Plants	001		No change
		002		No change
		003		No change
		004		No change
		005	Q4	Marking instruction

**INTERMEDIATE 2 NABS ISSUED MAY 2007**

<b>Unit no.</b>	<b>Title</b>	<b>NAB version</b>	<b>Question</b>	<b>Amendment made</b>
D026 11	Living Cells	001	Q3(c) Q4(c) Q4(d) Q4(e)	Marking instruction Marking instruction Marking instruction Marking instruction
		002	Q3(a) Q4(f)	Marking instruction Marking instruction
		003	Q4(b)	Marking instruction
		004	Q7(c) Q2(a)(i) Q2(a)(ii) Q4(d) Q7(c)(i)	Instrument of assessment Marking instruction Marking instruction Marking instruction Marking instruction
		005	Q3(c) Q5(c) Q6(c)	Marking instruction Marking instruction Marking instruction
D027 11	Environmental Biology and Genetics	001	Q1(b)(ii) Q1(e) Q3(b)(ii) Q7(c)(ii)	Marking instruction Marking instruction Marking instruction Marking instruction
		002	Q5(a) Q5(b)	Instrument of assessment Instrument of assessment
		003	Q7(b)	Marking instructions
		004	Q7 Q6(b)	Instrument of assessment — improved graph Marking instruction
		005	Q4(c) Q3(b) Q5(c)	Instrument of assessment Marking instructions Marking instructions
D02811	Animal Physiology	001	Q3(a)(iii) Q1(a) Q2(e) Q6(c) Q9(a)	Instrument of assessment Marking instruction Marking instruction Marking instruction Marking instruction
		002		No change
		003		No change
		004	Q3(b)(i)	Marking instruction
		005		No change

**HIGHER BIOLOGY NABS ISSUED MAY 2007**

<b>Unit no.</b>	<b>Title</b>	<b>NAB version</b>	<b>Question</b>	<b>Amendment made</b>
D029 12	Cell Biology	001	Q2(e) Q2(f) Q2(g) Q3(a)(i) Q3(b) Q3(c)(ii) Q4(d) Q5(a)	Marking instruction Marking instruction Marking instruction Marking instruction Marking instruction Marking instruction Marking instruction Marking instruction
		002	Q3(a) Q6(d) Q8(b)	Marking instruction Marking instruction Marking instruction
		003	Q4(a) Q9(b)	Marking instruction Marking instruction
		004	Q8	Marking instruction
		005		No change
D030 12	Genetics and Adaptation	001	Q4 Q5(a) Q8(a) Q8(d)	Instrument of assessment — improved drawing Marking instruction Marking instruction Marking instruction
		002	Q6(c) Q10	Marking instruction Marking instruction
		003	Q11(a) Q5(a) Q11(a)(iii)	Instrument of assessment — x axis scale extended Marking instruction Marking instruction
		004	Q4	Instrument of assessment
		005	Q12(a) Q5(a)	Instrument of assessment — x axis scale extended Marking instruction
D031 12	Control and Regulation	001		No change
		002	Q7(c)	Marking instruction
		003	Q9(a)(i)-(iii) Q9(a)(iv)	Instrument of assessment Marking instruction
		004	Q4(b) Q5(b)(iii) Q5(d)	Marking instruction Marking instruction Marking instruction
		005	Q3 Q5(a) Q6(d) Q10(a)	Instrument of assessment — improved diagram Marking instruction Marking instruction Marking instruction

**ADVANCED HIGHER BIOLOGY NABS ISSUED MAY 2007**

<b>Unit no.</b>	<b>Title</b>	<b>NAB version</b>	<b>Question</b>	<b>Amendment made</b>
D032 13	Cell and Molecular Biology	001	Q2(b) Q8(d)	Marking instruction Marking instruction
		002		Information to follow
		003	Q4(b)	Marking instruction
		004		
D037 13	Physiology, Health and Exercise	001		Information to follow
		002		Information to follow
		003		Information to follow
D036 13	Animal Behaviour	001		Information to follow
		002		Information to follow
		003		Information to follow
D035 13	Biotechnology	001		Information to follow
		002		No change
		003		Information to follow
D033 13	Environmental Biology	001	Q3(d)(i)	Marking instruction
		002	Q4 Q4(a) Q4(c) Q5(a)	Instrument of assessment — graph labels altered Marking instruction Marking instruction Marking instructions
		003	Q5(d)	Instrument of assessment

**HIGHER HUMAN BIOLOGY NABS ISSUED MAY 2007**

<b>Unit no.</b>	<b>Title</b>	<b>NAB version</b>	<b>Question</b>	<b>Amendment made</b>
D043 12	Cell Function and Inheritance	001	Q3 Q1(c) (i) Q7(b)(ii)	Instrument of assessment Marking instruction Marking instruction
		002	Q4	Instrument of assessment — graph amended
		003	Q4(c)	Marking instruction
		004	Q5(b)	Marking instruction
		005	Q2 Q5(a)(i) Q5(a) (ii)	Instrument of assessment — question renumbered Marking instruction Marking instruction
D044 12	The Continuation of Life	001	Q4(a)(iii) Q4(b)(i) Q8(b) Q8(d)	Marking instruction Marking instruction Marking instruction Marking instruction
		002		No change
		003		No change
		004	Q1(c)(ii) Q3(a)(ii) Q3(c) Q5(a)(i)	Instrument of assessment Marking instruction Marking instruction Marking instruction
		005	Q5 Q5(a)(ii)	Instrument of assessment — label added to diagram Marking instruction
D045 12	Behaviour, Populations and the Environment	001		No change
		002	Q6(b)	Marking instruction
		003		No change
		004		No change
		005		No change