

NEW IN 2007 – Examination QATs for Midyear and Trials

- Examination QATs follow the format of the Board of Studies HSC external examination specifications and contain instructions, mapping grids for each question, marking guidelines and sample answers.
- Examination QATs for Midyear and the Trials are distributed electronically via email and are subject to the following embargo periods: **Midyear** – Monday 12 March to Friday 4 May 2007; **Trials** – Monday 16 July to Friday 31 August 2007.
- The examination QATs have been designed to be modified/edited as required and as permitted by the early release dates.

About Internal Assessment Tasks

- Each internal QAT is a written task that directly relates to specific course requirements (including outcomes, components, and task types) and is largely self-contained for immediate use with students.
- Internal QATs provide clear instructions, source material and questions to be completed together with a solution pathway to assist with marking of the task.
- Internal QATs are distributed electronically via email.

Internal assessment tasks and examinations are prepared by panels of practising teachers who are highly qualified and experienced in the setting and marking of examinations and are available in a number of HSC studies, including:

Biology Avril Liebman, B.Sc. (Hons), M.Sc., H.E.D., Jayne Delmas, B.Ed., David Brewster, M.Ed. (Sci.), B.S. (Hons), PGCE **Business Studies** Cassy Norris, B.A. D.Ed, MBA, Dr Tim Petterson, B.Sc.(Hons), Ph.D., M.B.A., Dip.Ed. **Chemistry** Bronwen Hegarty, B.Sc., Dip.Ed. **Economics** Peter Kennedy, B.Ec., M.Ec., Dip.Ed., Trent Driver, B.Ec., Dip.Ed., M.Ec. **Geography*** Glyn Trethewy, B.A. Dip.Ed. **Legal Studies** Sylvia Constantinidis, B.A. Dip.Ed., M.A., M.Ed., David Gooley, B.A. (Hons) LLB, Dip. Ed., Brian Elliott, B.A., Dip.Ed. **Maths 2 Unit*** Magdy Habib, B.Ec, Dip.Ed., M.Ed. Admin. **Maths Extension 1*** Magdy Habib, B. Ec., Dip.Ed., M.Ed. Admin., Katina Sweeting, B.A., Dip.Ed. **Modern History*** Kerrie Backhouse, B.A., Dip.Ed., Tony Britton, B.A. (Hons) M.Ed. (Sydney) **General Maths*** Chris Hannan, B.A., Cert. Teach. **Physics** John Blackmore, B.A., Dip.Ed., Grad.Dip. Comp.Ed, George Pinniger, B.Sc. Dip. Ed. Grad. Dip, Ali Riza, B.Sci. (Hons), Grad.Dip. **PDHPE** Greg Forrest, B.Ed.(Hum. Mvt), Peter Kovacs, B.Ed. (PE), M.Ed. **Senior Science** Peter Gribben, B.A. (Ed) B.Sc. (Hons) PGCE

*No internal assessment QATs available # No exam available

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QATs
Quality Assessment Tasks

QATs

Quality Assessment Tasks

HSC BIOLOGY

Mid-Year Examinations

Trial Examinations

Internal Assessment Tasks

Both the examinations and the internal QATs

- are delivered by email
- allow for electronic editing and modifying (for examinations only)
- are reliable, accurate and reflect all current course requirements
- contain structures that reflect desired outcomes and marking bands
- are huge time-savers
- are high quality products
- have sample answers and clear marking guidelines

Release dates

Midyear – available week beginning 12 March 2007.

Trial – available week beginning 16 July 2007.

Note: Embargo period applies

Your Complete Assessment Needs

INTERNAL ASSESSMENT TASKS

To order, please indicate the required items by placing a tick (✓) in the relevant box.
Complete order form and return. Please check previous orders.*

Item	Code	Outcomes	Components / Tasks	Order	Cost
1)	BIOL1A Series 1*	H2, H6, H11, H12, H13, H14	Maintaining a Balance. Open-ended investigation on factors affecting enzyme activity: identify data sources, plan and perform a first-hand investigation, gather first-hand data, process and present information.	<input type="checkbox"/>	\$18.75
2)	BIOL1B Series 1*	H3, H4, H5, H6, H13, H14	Maintaining a Balance. Research task: Gather, process and analyse information from secondary sources to compare the process of renal dialysis with the function of the kidney.	<input type="checkbox"/>	\$18.75
3)	BIOL1C Series 1*	H4, H5, H6, H13, H14	Maintaining a Balance. Scientific report: Analyse and present information from secondary sources to report on the progress in the production of artificial blood. Proposes reasons why such research is necessary.	<input type="checkbox"/>	\$18.75
4)	BIOL2A Series 1*	H2, H8, H9, H10, H13, H14	Blueprint of Life. Case study – how an environmental change has resulted in changes in a species.	<input type="checkbox"/>	\$18.75
5)	BIOL2B Series 1*	H2, H9, H13	Blueprint of Life. Construction of pedigree to trace the inheritance of a selected trait.	<input type="checkbox"/>	\$18.75
6)	BIOL2C Series 1*	H2, H9, H13	Blueprint of Life. Modelling exercise: modelling meiosis to show crossing over and segregation of chromosomes.	<input type="checkbox"/>	\$18.75
7)	BIOL2D Series 1*	H2, H3, H4, H5, H7, H9, H13, H14	Blueprint of Life. Extended answer: debate the ethical issues that arise from development and use of identified transgenic species.	<input type="checkbox"/>	\$18.75
8)	BIOL3A Series 1*	H2, H3, H4, H7, H13	The Search for Better Health. Research task: Describe how drinking water can be treated to reduce risk of infection.	<input type="checkbox"/>	\$18.75
9)	BIOL3B Series 1*	H4, H7, H8, H9, H13, H14	The Search for Better Health. Extended answer: Evaluate the effectiveness of quarantine in preventing the spread of plants and animals into Australia.	<input type="checkbox"/>	\$18.75
10)	BIOL3C Series 1*	H1, H2, H3, H4, H7, H8, H11, H12, H13, H14	The Search for Better Health. Firsthand Investigation: Identify microbes in food.	<input type="checkbox"/>	\$18.75

CORE TOPIC REVISION TESTS

11)	BIOL1D	Maintaining a Balance. Series 1*	<input type="checkbox"/>	\$25
12)	BIOL2E	Blueprint of Life. Series 1*	<input type="checkbox"/>	\$25
13)	BIOL3D	The Search for Better Health. Series 1*	<input type="checkbox"/>	\$25
14)	BIOL1E	Maintaining a Balance. Series 2**	<input type="checkbox"/>	\$25
15)	BIOL2F	Blueprint of Life. Series 2**	<input type="checkbox"/>	\$25
16)	BIOL3E	The Search for Better Health. Series 2**	<input type="checkbox"/>	\$25

*Series 1 first published 2004-05. **Series 2 first published 2006-07.

TOTAL A \$

Transfer total to order form.
Prices include GST.

HSC Biology – EXAMINATIONS

- Two examinations are available for purchase. Both exams are self-contained, with comprehensive questions, marking guidelines, mapping grids and sample answers.
- Midyear examination – available from 12 March 2007.
- Trial examination – available from 16 July 2007. Note: embargo period applies.
- **All exam QATs can be edited.**
- All exam QATs delivered by email.
- Please indicate the required items by placing a tick (✓) in the relevant box. Complete order form and return.

Item	Code	Examinations	Order	Cost
17)	MIDBIOL07	Mid-Year Exam. 2 hour paper. Topics covered include: Maintaining a Balance; Blueprint of Life; Search for Better Health	<input type="checkbox"/>	\$75
18)	TRBIOL07	Trial Exam Paper. 3 hour paper. <i>Core modules:</i> Maintaining a Balance, Blueprint of Life, The Search for Better Health <i>Options:</i> Communication, Biotechnology, Genetics: The Code Broken?, The Human Story, Biochemistry	<input type="checkbox"/>	\$110

TOTAL B \$

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THIS FORM CAN BE FAXED TO 1800 629 559

Email delivery

Both internal assessment and exam QATs are distributed by email – efficiently and rapidly. No post and handling charges are incurred as each order is sent either as a Word file (exams) or as Acrobat PDF files. Acrobat Reader can be downloaded free from www.adobe.com. Acrobat Reader is required to open PDF files.

Multiple use

All product comes professionally designed, ready to photocopy, for immediate distribution to students. As many copies as required can be generated by the purchasing school. **Examination QATs may be edited or modified to suit the particular needs of students.**

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Expires / Signed _____

Disclaimer. Every effort has been made to prepare QATs in accordance with Board of Studies documents. No guarantee or warranty is made or implied that the QATs mirror in every respect the actual HSC assessment requirements in any or all courses to be examined. These QATs do not constitute 'advice', nor can they be construed as authoritative interpretations of Board of Studies intentions. No liability for any reliance, use or purpose related to the QATs is taken. Advice on HSC assessment issues is only to be obtained from the NSW Board of Studies. QATs do not accept any responsibility for accuracy of results once modified.