Evaluating biological issues

Three evaluating biological issues (EBI) question topics will be assessed this year. The topics are listed below to allow candidates to research each topic before the examination.

Candidates may bring their EBI topic research material (for all three topics) into the examination room.

- Research material for Paper One must fit on one double-sided sheet of A4 paper and be handed to the supervisor at the end of the Paper One examination.
- Research material for Paper Two must fit on one double-sided sheet of A4 paper and be handed to the supervisor at the end of the Paper Two examination.

Research material may be handwritten or typed, and may include material such as notes, diagrams, references and quotations. It will not be assessed by markers.

Topics

Paper One Part B — Physiology of organisms

One double-sided A4 sheet of research material permitted

Growth hormones and other chemicals are used to enhance livestock production.

Information about this topic can be accessed via the links below. Candidates should also undertake additional research.

What are the animal welfare impacts of using hormone growth promotants in beef cattle?

Hormonal growth promotants in beef

What are hormone growth promotants (HGP) and does Australia use them?

HGP: Questions and answers

Paper One Part C — Organisms and ecosystems

‘Australia’s beloved kangaroos are now controversial pests. They’re the nation’s hopping icons. They also destroy crops and cause car accidents.’

Information about this topic can be accessed via the links below. Candidates should also undertake additional research.

**Kangaroos: Pest or precious?**
www.voiceless.org.au/content/kangaroos-pest-or-precious

*Some Australians consider kangaroos to be pests. Surprised? So was I.*

*Kangaroo: A love-hate story in exposing the brutality of Australia’s ongoing kangaroo cull*

*Kangaroo management fails farmers as roo numbers hit record levels*

*Why kangaroo culling divides Australia*

**Paper Two Part B — Evolution and diversity**

**One double-sided A4 sheet of research material permitted**

Human evolution is still occurring, particularly in Western societies, after the significant cultural events of the Industrial Revolution and the introduction of agriculture, modern medicine and mass transportation.

Information about this topic can be accessed via the links below. Candidates should also undertake additional research.

*Are humans still evolving?*
www.ncbi.nlm.nih.gov/pmc/articles/PMC3327538

*Humans are still evolving — and we can watch it happen*
www.sciencemag.org/news/2016/05/humans-are-still-evolving-and-we-can-watch-it-happen

*Is human evolution finally over?*
www.theguardian.com/science/2002/feb/03/genetics.research

*Human evolution is still happening — possibly faster than ever*

*How do we affect our evolution?*

**Enquiries**

Telephone (07) 3120 6180 or email externalexams@qcaa.qld.edu.au.