Biological processes (Component 01) 2 hours 15 minutes

This component is worth 100 marks, is split into two sections and assesses content from teaching modules 1, 2, 3 and 5. Learners answer all the questions.

Section A contains multiple choice questions. This section of the paper is worth 15 marks.

Section B includes short answer question styles (structured questions, problem solving, calculations, practical) and extended response questions. This section of the paper is worth 85 marks.

Biological diversity (Component 02) 2 hours 15 minutes

This component is worth 100 marks, is split into two sections and assesses content from teaching modules 1, 2, 4 and 6. Learners answer all the questions.

Section A contains multiple choice questions. This section of the paper is worth 15 marks.

Section B includes short answer question styles (structured questions, problem solving, calculations, practical) and extended response questions. This section of the paper is worth 85 marks.

Unified biology (Component 03) 1 hour 30 minutes

This component assesses content from across all teaching modules 1 to 6. Learners answer all the questions. This component is worth 70 marks.

Question styles include short answer (structured questions, problem solving, calculations, practical) and extended response questions.

Practical Endorsement in biology (Component 04)

Useful resources:

Specification and lots more useful stuff here - ocr.org.uk/alevelbiologya

Online textbook at Kerboodle.com

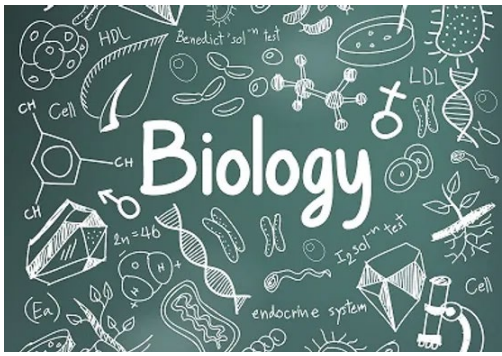
Wednesday lunchtimes – revision and exam technique

The Learning scientists – two scientists that have devoted their careers to studying evidence-based revision techniques:
https://www.learningscientists.org

SenecaLearning.com – active revision site

SaveMyExams – revision notes and past paper questions

PhysicsAndMathsTutor – revision notes and past paper questions



OCR Biology A (H420)

Module 1 – Development of practical skills in biology

1.1 Practical skills assessed in a written examination

1.2 Practical skills assessed in the practical endorsement

Module 2 – Foundations in biology

2.1.1 Cell structure

2.1.2 Biological molecules

2.1.3 Nucleotides and nucleic acids

2.1.4 Enzymes

2.1.5 Biological membranes

2.1.6 Cell division, cell diversity and cellular organisation

Module 3 – Exchange and transport

3.1.1 Exchange surfaces

3.1.2 Transport in animals

3.1.3 Transport in plants

Module 4 – Biodiversity, evolution and disease

4.1.1 Communicable diseases, disease prevention and the immune system

4.2.1 Biodiversity

4.2.2 Classification and evolution

Module 5 – Communication, homeostasis and energy

5.1.1 Communication and homeostasis

5.1.2 Excretion as an example of homeostatic control

5.1.3 Neuronal communication

5.1.4 Hormonal communication

5.1.5 Plant and animal responses

5.2.1 Photosynthesis

5.2.2 Respiration

Module 6 – Genetics, evolution and ecosystems

6.1.1 Cellular control

6.1.2 Patterns of inheritance

6.1.3 Manipulating genomes

6.2.1 Cloning and biotechnology

6.3.1 Ecosystems

6.3.2 Populations and sustainability.