

Subject: A Level Biology Year 13 Spring mock 2024

Exam Board: AQA

Paper 2 - 2 hours - 91 marks

- 76 marks: a mixture of short and long answer questions
- 15 marks: comprehension question

Any content from these topics & practical skills:

- Photosynthesis
- Respiration
- Energy and ecosystems
- Response to stimuli
- DNA, genes and protein synthesis
- Genetic diversity
- Inherited change
- Populations and evolution
- Populations in ecosystems

Paper 3- 2 hours – 90 marks

- 50 marks: structured questions including practical techniques
- 25 marks: critical analysis of given experimental data
- 15 marks: comprehension question

Content will be mainly practical based, but can feature on all of the above topics, as well as the following Paper 1 modules:

- Biological molecules
- Cells
- Organisms exchanging substances with their environment
- Genetic information, variation and relationships between organisms

A list of all of the required practicals (excluding practical 11 as it will not feature on this assessment) can be found here:

<https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/a-level-practical-assessment>

Useful revision resources:

Kerboodle A-Level Biology

AQA A-Level Biology Textbook

Seneca

A-level Biology Practical Handbook:

<https://www.aqa.org.uk/resources/science/as-and-a-level/biology-7401-7402/teach/practicals-apparatus-set-up-guides>

Past papers (including legacy papers)

Videos showing all of the required practical techniques:

<https://www.youtube.com/watch?v=L48ldASuggA&list=PLOfYYglrtVMi16TQgnJsrewpgH2xaEJsT>