

Qualification: A level Biology

What will be assessed in 2022?

Paper 1 – 9BN0/01

- Topic 6 Response to infection (6.7–6.9, 6.12–6.13)
- Topic 4 Biodiversity (4.1–4.6)
- Topic 5 Photosynthesis (5.5–5.9, including understanding of Core Practical 11)
- Topic 6 Pathogens and disease (6.2, 6.5–6.6, 6.11, 6.14–6.15, including understanding of Core Practical 15)
- Topic 2 Protein structure and enzymes (2.9–2.10, including understanding of Core Practical 4)
- Topic 3 Cell ultrastructure (3.1–3.5, 3.13)
- Topic 5 Ecology and energy transfers (5.1–5.4, 5.10–5.11, 5.21, including understanding of Core Practical 10)
- Topic 5 Climate change (5.12–5.16, 5.20, including understanding of Core Practicals 12 & 13)
- Topic 2 DNA and the genetic code (2.5–2.8, 2.11–2.12)

What will be assessed in 2022?

Paper 3 – 9BN0/03

- Topic 8 Brain and learning (8.8–8.15 including understanding of Core Practical 18)
- Topic 5 Ecology and energy transfers (5.1–5.4, 5.10–5.11, 5.21, including understanding of Core Practical 10)
- Topic 8 Nervous and hormonal control (8.1–8.7)
- Topic 6 Response to infection (6.7–6.9, 6.12–6.13)
- Topic 5 Photosynthesis (5.5–5.9, including understanding of Core Practical 11)
- Topic 2 Protein structure and enzymes (2.9–2.10, including understanding of Core Practical 4)
- Topic 4 Drug testing protocols and assessing antimicrobial agent (4.13–4.14, including an understanding of Core Practical 9)
- Topic 7 Respiration (7.3–7.7, including understanding of Core Practical 16)

What will be assessed in 2022?

Paper 2 – 9BN0/02

- Topic 8 Nervous and hormonal control (8.1–8.7)
- Topic 7 Exercise and feedback mechanisms (7.11–7.16)
- Topic 1 Causes and development of CVD (1.5–1.7, 1.15, 1.18)
- Topic 3 Cell ultrastructure (3.1–3.5, 3.13)
- Topic 7 Control of heart rate and ventilation rate (7.8–7.9, including understanding of Core Practical 17)
- Topic 8 Brain and learning (8.8–8.15)
- Topic 3 Gametes, fertilisation and stem cells (3.6–3.7, 3.11)
- Topic 2 DNA and the genetic code (2.5–2.8, 2.11–2.12)
- Topic 2 Inheritance and genetic screening (2.13–2.16)

What can also be assessed in 2022?

This notice does not apply to topics worth fewer than 5% of the marks on each question paper.

For each paper, the topics listed form the major focus of questions. The list is in rank order, with the topics carrying the highest mark allocations at the top of each list.

Each exam paper may include some, or all, of the content in the listed topic.

Topics not included on the list may still appear in multiple-choice items, questions with a low tariff, or via synopticity.

Students will still be expected to apply their knowledge of these topics in unfamiliar contexts.

