

## Advance Information for Summer 2022

### A Level

### Biology B

### H422

We have produced this advance information to help support all teachers and students with revision for the Summer 2022 exams.

#### Information

- This notice covers all examined components.
- This notice does **not** cover the practical endorsement component.
- Assessment of practical skills and maths skills will occur throughout the papers.
- The format/structure of the papers remains unchanged.
- There are no restrictions on who can use this notice.
- You are **not** permitted to take this notice into the exam.
- This document has **2** pages.

#### Advice

- For each paper the list shows the major focus of the content of the exam.
- Students are advised that content not listed may appear on the question paper.
- The aim should still be to cover all specification content in teaching and learning.
- Students and teachers can discuss this advance information.
- The information lists topic areas in rank order, with the areas carrying the highest mark allocations at the top of each list.
- Students' responses to individual questions may draw upon other areas of specification content where relevant, and credit will be given for this where appropriate.

If you have any queries about this notice, please call our Customer Support Centre on **01223 553998** or email [general.qualifications@ocr.org.uk](mailto:general.qualifications@ocr.org.uk).

### **H422/01 – Fundamentals of biology**

- 4.3.2 The impact of population increase
- 4.4.1 Plant reproduction (includes practical skills)
- 5.3.1 The principles and importance of homeostasis
- 4.3.1 Photosynthesis, food production and management of the environment (includes practical skills)
- 4.2.2 The effects of ageing on the reproductive system (includes practical skills)
- 2.1.1 Cells and microscopy (includes practical skills)
- 2.1.3 Proteins and enzymes

### **H422/02 – Scientific literacy in biology**

- 5.1.3 Gene technologies (includes practical skills)
- 4.3.1 Photosynthesis, food production and management of the environment (includes practical skills)
- 4.1.1 Cellular respiration
- 3.1.2 The developing individual: meiosis, growth and development
- 3.3.2 Respiratory diseases and treatment
- 2.2.3 Gas exchange in mammals and plants (includes practical skills)

### **H422/03 – Practical skills in biology**

- 4.3.1 Photosynthesis, food production and management of the environment (includes practical skills)
- 5.2.1 The nervous system and the identification and consequences of damage (includes practical skills)
- 2.1.2 Water and its importance in plants and animals (includes practical skills)
- 3.2.3 Controlling communicable diseases (includes practical skills)

### **END OF ADVANCE INFORMATION**

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