

Advance information June 2022

A-level Environmental Science (7447)

Version 1.0

Because of the ongoing impacts of the Coronavirus (COVID-19) pandemic, we are providing advance information on the focus of June 2022 exams to help students revise.

This is the advance information for A-level Environmental Science (7447).

Information

- This advance information covers all examined components.
- For each paper the list shows the major focus of the content of the examination; the specification topic areas are listed in rank order, with the areas carrying the highest mark allocations at the top of each list.
- Topic areas not explicitly given in the lists may appear in multiple choice or low tariff questions.
- Topic areas not explicitly given in the lists may appear in questions which require students to draw on knowledge and understanding of different areas of environmental science and how they relate to each other.
- Advance information is not provided on specification *Appendices A (working scientifically), B (Maths requirements), C (previous science learning), and Research methods*.
- It is **not** permitted to take this advance information into the exam.

Advice

- Students and teachers should consider how to focus their revision of other non-listed parts of the specification, which may be tested in multiple choice or low tariff questions.
- Students will be expected to draw on knowledge and understanding of the entire course of study to show a deeper understanding of the interconnections between topics.
- Students will still be expected to apply their knowledge to unfamiliar contexts.

Focus of the June 2022 exam

The focus of the June 2022 exam will be as follows. The topic areas are listed in rank order, with the areas carrying the highest mark tariffs at the top of each list:

Paper 1

- **3.4.3** Strategies to control pollutants based on their properties and features of the environment.
- **3.2.3** Mineral resources.
- **3.2.2** The hydrosphere.
- **3.3.4** Strategies to secure future energy supplies.
- **3.2.4** Biogeochemical cycles.

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- **3.2.1** The atmosphere.
 - **3.4.2** How environmental features affect the severity of pollution.
 - **3.3.2** The impact of the features of energy resources on their use.

Paper 2

- **3.1.3** Life processes in the biosphere and conservation planning.
- **3.6.1** Dynamic equilibria.
- **3.1.2** Conservation of biodiversity.
- **3.1.1** Conditions for life on Earth.
- **3.5.2** Aquatic food production systems.
- **3.5.1** Agriculture.
- **3.6.2** Energy.
- **3.6.4** The circular economy.
- **3.5.3** Forest resources.

END OF ADVANCE INFORMATION