

Advance information June 2022

GCSE Engineering (8852)

Version 1.1

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 GCSE Engineering (8852).

Information

- This advance information covers the examined component.
- Advance information is not being provided for the topic areas assessed in the multiple choice and short answer questions.
- There are no restrictions on who can use this advance information.
- The format/structure of the papers remains unchanged.
- You are **not** permitted to take this advance information into the examination.

Advice

- Students and teachers can discuss this advance information notice.
- Students and teachers should consider how to revise other parts of the specification which may be tested in multiple choice and short answers questions.
- The information is presented in specification order and not in question order.
- It is advised that teaching and learning should still cover the entire subject content in the specification.

Focus of the June 2022 exam

3.1.1.1 Metals and alloys

3.1.1.2 Polymers

3.1.1.3 Composites

3.1.1.4 Other materials – Timbers (structural grades)

3.1.2 Materials costs and supply

3.1.3 Factors influencing design solutions – Energy production methods

3.2.2 Material removal – Drilling

3.2.3 Shaping – Bending

3.2.5 Joining and assembly – Rivets

3.3 Systems – System descriptions

3.3.3 Electronic systems – FETs – Analogue to digital conversion – Resistors

3.6 Practical engineering skills – Design a test

END OF ADVANCE INFORMATION