

Revision Topics for Engineering Mock

Exam 2026 -27

Exam details

1 Paper – (80 marks) – Answer questions 1 to 4

1:30 hrs total

Materials needed for your assessment

For your Engineering mock exam, you must have:

- A black pen
- A pencil
- A ruler
- An eraser
- A pencil sharpener
- Coloured pencils
- Calculator

Topics To Revise

- Properties of Carbon Fibre
- Gear ratio's
- Advantages / benefits of quick release mechanisms
- Destructive Testing
- Material Properties
- Ferrous and Non-ferrous metals
- Risk Assessments
- Identification of workshop tools
- Properties of Brass
- Permanent and Temporary Joining Methods
- Third angle orthographic projection
- Isometric Drawing
- Converting minutes to seconds
- Conductors and insulators
- Smart Materials
- Benefits of Bluetooth and WiFi technology to the user / customer and the manufacturer
- Identification of electrical symbols
- The soldering process
- Ohm's Law
- Environmental impact of manufacturing products from metal.