ENGLAND GCSE DESIGN AND TECHNOLOGY OCR · UNIT 2 · 5 QUESTIONS

Wider Issues and Viability of Design Solutions — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **A cordless drill is used to make holes in a wooden board. Why is a cordless drill useful on a building site?**

- A It cuts timber without a drill bit
- B It works where there is no mains power nearby
- C It never needs a battery at all
- D It makes holes that need no measuring, in some situations

Understand It with Pulse | Flag a mistake

2 How does a wind turbine generate electricity?

- A Moving air pushes water through a dam
- B Moving air turns blades that drive a generator
- C Moving air heats water to make steam
- D Moving air burns fuel to drive a motor, in some situations

Understand It with Pulse | Flag a mistake

3 What is 3D printing?

- A Casting a product in a mould made of sand
- B Cutting a product from a solid block by hand, in some situations
- C Building a product layer by layer from a digital model
- D Printing a drawing of a product on paper

Understand It with Pulse | Flag a mistake

4 **Why is carbon dioxide a concern?**

- A It makes the air smell pleasant
- B It removes oxygen from the air at once, in some situations
- C It cools the Earth down quickly
- D It adds to the gases that warm the Earth

Understand It with Pulse | Flag a mistake

5 **Why is the market checked when judging viability?**

- A The market sets the strength of materials
- B The market decides the colour of the product, in some situations
- C The market shows how the product is made
- D There must be enough buyers who want the product

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. B
3. C
4. D
5. D

© 2026 Brett Robbins. All Rights Reserved.