ENGLAND GCSE DESIGN AND TECHNOLOGY EDEXCEL · UNIT 1 · 5 QUESTIONS

# New Technologies, Energy and Modern Materials — Practice Test

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1

**A backpack is made from a technical textile. What is a technical textile?**

- A. A fabric made for a specific function rather than for fashion
- B. A fabric that is never washed or cleaned, which can happen in some cases
- C. A fabric that is always made by hand
- D. A fabric that is only used for clothing

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2 **Which material category includes cotton and polyester?**

A Metals

B Papers and boards

C Textiles

D Timbers

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3 **How can new technology affect employment in manufacturing?**

A New technology only creates jobs and never removes any

B Some manual jobs are lost while new jobs in programming and maintenance appear

C No jobs ever change when a new technology is introduced, which can happen in some cases

D Every worker in a factory loses their job at once

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## 4 What does a phosphorescent material do?

- A It becomes hard when it is cooled
- B It absorbs light and then glows in the dark
- C It changes shape when it is heated
- D It produces a voltage when it is squeezed, in some situations

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## 5 Why is GRP used for a boat hull?

- A It dissolves slowly in sea water
- B It is strong, light and does not rust in water
- C It must be painted every day to stay strong
- D It is heavier than steel for the same strength

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## ANSWER KEY

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

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