ENGLAND GCSE DESIGN AND TECHNOLOGY AQA · UNIT 3 · 5 QUESTIONS

Specialist Technical Principles — Practice Test

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1

An electric kettle is made by injection moulding its plastic parts. What is injection moulding?

- A Liquid metal poured into a mould and left to set, in some situations
- B Material spun on a lathe and shaped with a tool
- C Material pushed through a shaped hole
- D Melted plastic forced into a mould to make a shape

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2 **What is shear?**

- A A pushing force that squashes a material
- B A force that twists a material
- C A pulling force that stretches a material, in some situations
- D A force that slides layers of a material past each other

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3 **What is sheet stock?**

- A A thick board of timber
- B A hollow long length of material, in some situations
- C Flat material such as a sheet of plywood or acrylic
- D A long solid length of material

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4 **Why does local timber have a smaller footprint than imported hardwood?**

- A It is cut from older trees than hardwood
- B More fuel is used to transport it
- C Less fuel is used to transport it
- D It is grown in a warmer country

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5 **What does oil do to timber?**

- A It soaks into the timber and brings out the grain
- B It gives a clear hard coat on the surface
- C It coats steel with zinc to stop rust
- D It gives a coloured coat that hides the grain, in some situations

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ANSWER KEY

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

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