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

Material Considerations — 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 to let Brett know so he can fix it.

1 **A cordless drill has a casing made from ABS polymer. Why is ABS a good choice for the casing?**

- A It conducts electricity very well
- B It melts at room temperature
- C It shatters easily when dropped
- D It is tough and resists knocks

Understand It with Pulse | Flag a mistake

2 **Why is corrugated cardboard strong for its weight?**

- A It is made from thick solid board
- B It is pressed flat until it is solid
- C It is soaked in glue until it hardens, in some situations
- D Its fluted layer holds the flat layers apart

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3 **What is acrylic used for?**

- A Electrical sockets that must not melt
- B Worktops that must resist heat
- C Saucepan handles that must resist heat
- D Clear signs and displays

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4 **Which of these is a thermosetting polymer?**

- A PVC
- B Polythene, in some situations
- C Acrylic
- D Melamine formaldehyde

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5

Why is copper used for electrical wiring?

A It is a poor conductor of heat

B It is the cheapest metal of all, in some situations

C It is an excellent conductor of electricity

D It is magnetic and light

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ANSWER KEY

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

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