ENGLAND GCSE PHYSICS OCR TWENTY FIRST CENTURY HIGHER · UNIT 6 · 5 QUESTIONS

Matter - Models and Explanations — 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 thermometer shows a patient's temperature is 39 degrees Celsius. Is this above or below normal body temperature?**

- A exactly normal
- B above normal
- C impossible to tell
- D below normal

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2 **An object has a mass of 50 g and a volume of 50 cubic centimetres. What is its density?**

- A 0.5 g/cm³
- B 100 g/cm³
- C 1 g/cm³
- D 2 g/cm³

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3 **How long does light from the Sun take to reach the Earth?**

- A about 8 hours
- B about 8 seconds
- C about 8 minutes
- D about 8 days

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4 **A 2 kg block has a specific heat capacity of 200 J/kg degrees Celsius. Its temperature rises by 10 degrees Celsius. How much energy is needed?**

- A 4500 J
- B 4000 J
- C 8000 J
- D 2000 J

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5 **Why does the Moon not fall into the Earth?**

- A gravity does not act on it, in space
- B it is held up by the air
- C it keeps missing the Earth
- D it is too far away

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ANSWER KEY

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

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