ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 1 · 10 QUESTIONS

Key Concepts of Physics — 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 above normal
- B exactly normal
- C below normal
- D impossible to tell

Understand It with Pulse | Flag a mistake

2 **Glass marbles are shaken in a tray. What does this model?**

- A particles gaining energy
- B particles bonding together
- C particles freezing into place
- D particles disappearing completely

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3 **Silver coins are made of the element silver. What is the chemical symbol for silver?**

A S

B Ag

C Sv

D Si

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4 **What is meant by precise results?**

A close to each other

B close to the true value every time

C written down to many decimal places

D measured with the newest instrument

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5 **What is the SI unit of mass?**

A metre, the unit of length

B kilogram

C newton, the unit of force

D joule, the unit of energy

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6 **What does a thermometer measure?**

A length, in metres and centimetres

B mass, in grams and kilograms

C temperature

D time, in seconds and minutes

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7 **What does the prefix kilo mean?**

A one thousand times

B one thousandth of the unit

C one hundredth of the unit

D one million times the unit

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8 **What is 2500 in standard form?**

A 250×10^{1}

B 0.25×10^{4}

C 25×10^{2}

D 2.5×10^{3}

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9 **A calculator uses a battery. What energy is stored in the battery?**

A kinetic energy of motion

B chemical energy

C light energy from the Sun

D thermal energy from heat

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10 **A wristwatch ticks every second. How many ticks in a minute?**

A 12

B 60

C 100

D 30

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ANSWER KEY

1. A
2. A
3. B
4. A
5. B
6. C
7. A
8. D
9. B
10. B

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