ENGLAND GCSE PHYSICS EDEXCEL HIGHER · UNIT 7 · 5 QUESTIONS

Astronomy — 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 calculator runs on a small current. What is current measured in?**

- A watts, the unit of power
- B ohms, the unit of resistance
- C volts, the unit of voltage
- D amperes

Understand It with Pulse | Flag a mistake

2 **A red race car brakes hard. What happens to its kinetic energy?**

- A it disappears
- B it becomes sound only, nothing else
- C it is transferred to heat
- D it increases

Understand It with Pulse | Flag a mistake

3 **A satellite orbits at a radius of 100 km and takes 80 seconds for one orbit. Use pi = 3.14. What is its orbital speed?**

- A 12.85 km/s
- B 7.85 km/s
- C 15.7 km/s
- D 3.925 km/s

Understand It with Pulse | Flag a mistake

4 **What does red-shift tell us about distant galaxies?**

- A they are moving towards us
- B they are moving away
- C they are getting hotter
- D they are standing still

Understand It with Pulse | Flag a mistake

5 **What is dark energy thought to do?**

A slow the expansion down

B make stars shine

C hold galaxies together

D it speeds expansion up

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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