ONTARIO PHYSICS, GRADE 12, UNIVERSITY PREPARATION (SPH4U) · ONTARIO

Ontario Physics, Grade 12, University Preparation (SPH4U) Practice Test

Unit A: Dynamics

5 Questions

Original practice test based on the Ontario curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

Newton third law pairs are equal in size, opposite in direction, and act on

A) The same object

B) Only one object

C) The ground only

D) Different objects

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Question 2

Inertia is a measure of an objects resistance to change in

A) Charge

B) Motion

C) Volume

D) Temperature

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Question 3

A system in equilibrium has net force equal to

A) Friction

B) Zero

C) Its weight

D) Its mass

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Question 4

A 20 newton force at 0 degrees and a 15 newton force opposite give a net force, in newtons, of

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Question 5

Terminal velocity is reached when air resistance equals

A) Speed

B) Mass

C) Weight

D) Acceleration

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ANSWER KEY

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

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