

PHYSICS CHECKLIST



FORCES AND MOTION

Linear, Vector, Circular, 2D Motion, Types of Force



ENERGY AND MATERIALS

Conservation of Mass and Energy, Potential Energy, Springs and Pressure



EQUILIBRIUM AND STATICS

Work, Torque, Mechanical Advantage



BIOMECHANICS

Joints, Bodily Fluids, Pneumatics, Impulse and Momentum



REACTION RATES

Rate expression, constant, K vs. Q_c , constant, different orders.



WAVES

Light and Sound, Mirrors, Optics, Sound Intensity



ELECTRICITY

Origins of charge, EMF, Basics of Circuits and applications



MAGNETISM

Motors, Fields, Charges in Fields, Generators, Transformers



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good luck