MATCH THE TERMS WITH ITS DEFINITIONS

Torque of a couple •

• A pair of parallel force, equal in magnitude, acting in opposite directions, where their line of action does not coincide

Momentum •

• Rate of change of momentum

Principle of moments •

• For a body in rotational equilibrium, the sum of clockwise moments about any point is equal to the sum of anticlockwise moments about the same point

Principle of conservation of momentum •

• Product of one of the force and the perpendicular distance between the forces

Work done •

• Mass x velocity

Moment •

• Sum of momentum of a system is conserved provided that no external force acts upon it

Force •

• Force x distance moved in the direction of the force

Couple •

• Force x distance perpendicular to the line of action of force to the pivot point