PHYSICS

a) [MLT-2] b) [MLT-1] c) [ML2T-1] d [ML2T-2] 2. The dimensionally correct equation of E is: a) mc b) m/c c c) mc2 d) m²c2 3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11% b) 8%
c) [ML ² T ⁻¹] d [ML ² T ⁻²] 2. The dimensionally correct equation of E is: a) mc b) m/c c c) mc ² d) m ² c ² 3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11%
d [ML ² T ⁻²] 2. The dimensionally correct equation of E is: a) mc b) m/c c c) mc ² d) m ² c ² 3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11%
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b)
c) mc ² d) m ² c ² 3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11%
d) m ² c ² 3. The percentage uncertainty in measurement of mass and velocity are 2% and 3%, the maximum uncertainty in the measurement of kinetic energy is: a) 11%
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a) 11%
c) 6%
c 1%
4. The quantity 1 (km²) is equal to:
a) $1 \times 106 \text{m}^2$
b) $1 \times 105 \text{m}^2$
c) $1 \times 102 \text{m}^2$
d) $1 \times 104 \text{m}^2$
5. Dimensions of viscosity are:
a) [ML-1T]
b) $[ML^2T^{-1}]$
c) $[ML^{-1}T^{-1}]$
d) [ML ⁻¹ T ⁻²]