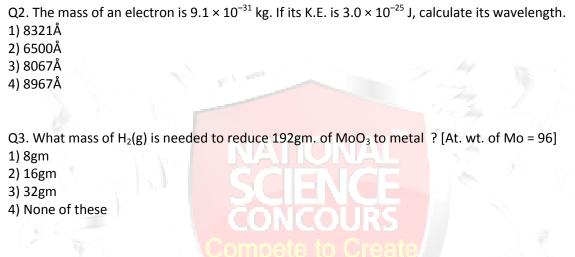


Q1. If the constant of gravitation (G), Planck's constant (h) and the velocity of light (c) be chosen as fundamental units. The dimension of the radius of gyration is 1) $h^{1/2}c^{3/2}G^{1/2}$ 2) $h^{1/2}c^{-3/2}G^{-1/2}$ 3) $h^{1/2}c^{-3/2}G^{1/2}$ 4) $h^{-1/2}c^{-3/2}G^{1/2}$



Q4. One fermi is 1) 10⁻¹⁰ cm 2) 10⁻¹² cm 3) 10⁻¹⁴ cm 4) 10⁻¹³ cm

Q5. The number of significant figures in 60.0001 is

- 1) 6
- 2) 5
- 3) 3
- 4) 2

Answers: Q1. - 3, Q2. - 4, Q3. - 1, Q4. - 4, Q5. - 1