Q2. The deBroglie wavelength of a proton and a-particle are equal. The ratio of their velocities is :

(a)4:3

(b)4:1

(c)4:2

(d) I:4

Solution:

$\frac{\lambda_1 = m_2 \vee 2 - \gamma}{h_2}$	Ap - Mava ha mpvp	As (hp=ha)
	mava= mpvp =>	Vz mp
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