

10. According to Bohr's theory, the angular momentum of an electron in 5th order orbit is

(1) $25 h/\pi$

(2) $1.0 h/\pi$

(3) $10 h/\pi$

(4) $2.5 h/\pi$

12.00

~~Q3.~~ angular momentum = $\frac{nh}{2\pi} = \frac{5h}{2\pi} = 2.5 \frac{h}{\pi}$

01.00