

- 59 $\Delta R \Delta P \ge \frac{h}{4\pi}$ or $\Delta R M \Delta V \ge \frac{h}{4\pi}$
- @ DE DT > h
- (a) $\triangle a \triangle \phi \ge h$
- 62 No. of eulishells in non shell = n
- (3) L varies from= (0 to 'n-1')
- (4) No. of Orbitals in 1 outshell (1) = 21+1
- 65 m varies from = (-1 to 0 to +1)
- 60 Total no of outsitals = n2
- 6) Total no. of elections in main shell (n) = 2n2
- 68) Total no. of elections in sub-shell(1) = 41+2
- 69 Total Spin = $N(\pm \frac{1}{2})$ (N=No. of unpained electrons)
- (3) Spin Magnetic momend: (N(N+2) BM
- 1 Orbital angular momentum: \(\left(l+1)\)\frac{h}{272}

(3) No. of radial nodes = n-l-1
(7) No. of angular nodes = l
(75) No. of total nodes = n-1
(76) No. of peaks in graph > (n-l)