



All of the following statements are correct for atomic structure and quantum numbers except

## All of the following statements are correct for atomic structure and quantum numbers except

- A. In a given atom, the maximum number of electrons having principal quantum number  $n = 3$ , is 18
- B. The number of orbitals in a given f subshell is 7
- C. For  $n=4$ , the largest possible value of  $l$  is 3
- D. For  $n=4$ , the largest possible value of  $m_l$  is 2

Show Answer...

**Correct Answer: D. For  $n=4$ , the largest possible value of  $m_l$  is 2**