

___**B**___1(1 point): Which chemist said that electrons have to be placed in the lowest energy level first

- A. Pauli
- B. Aufbau**
- C. Hund
- D. Dalton
- E. Bohr

___**A**___2. (1 point) Which of the following sets does NOT have the orbitals in **increasing** order of energy?

- A. 1s2s3p3d4s4p**
- B. 1s2s3s3p4s3d
- C. 2s2p3s3p3d
- D. 3s3p4s3d4p5s
- E. The orbitals are all equal in energy

Question 3 (2 points): Write the ground state electron configuration for He and show the diagramic representation for its configuration

He: 1s²

Ground state electron configuration

**He: $\uparrow\downarrow$
1s**

Diagramic representation