CHEM 4401 Molecular Spectroscopy: The electronic and vibrational structure of molecules

1. The electronic and vibrational structure of molecules is best described by:

A. The Heisenberg uncertainty principle

B. The Pauli exclusion principle

C. The wave-particle duality

D. The Schrödinger equation

2. The electronic and vibrational structure of molecules can be described by:

A. The Heisenberg uncertainty principle

B. The Pauli exclusion principle

C. The wave-particle duality

D. The Schrödinger equation

3. The electronic and vibrational structure of molecules is a result of:

A. The Heisenberg uncertainty principle

B. The Pauli exclusion principle

C. The wave-particle duality

D. The Schrödinger equation

4. The electronic and vibrational structure of molecules is best explained by:

A. The Heisenberg uncertainty principle

B. The Pauli exclusion principle

C. The wave-particle duality

D. The Schrödinger equation

Answer Key: 1-D, 2-D, 3-D, 4-D