

#83784 Chemistry, General Chemistry

Based on the electronegativity of each element, indicate the polarities of the following bonds. How do you arrive at whether each is non polar covalent, polar covalent or ionic.

- A) N-H
- B) C-I
- C) C-O

Answer:

- A) N-H – Nitrogen is one of the most electronegative elements in the periodic table. So that it has polar covalent bound.
- B) C-I – Electronegativity of Carbon and Iodine are the same. So that C-I bound is covalent nonpolar.
- C) C-O – Due to difference in electronegativity of Carbon and Oxygen, C-O bound is covalent polar.

Answer provided by www.AssignmentExpert.com