

Chemistry Std 9

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ASSIGNMENT No. 24

Chapter : Atomic structure and chemical Bonding

Q1. Name two Compounds that are covalent when taken pure but produce ions when dissolved in water.

Q2. Explain the following :

(a) Carbon-12 and carbon-14 shows similar chemical properties.

(b) Mass of an atom is concentrated inside the nucleus of an atom.

Q3. Covalent bonds can be single, double or triple covalent bond. How many electrons are shared in each ? Give an example of each type.