

# Test Bank for Chemistry: Structure and Properties, 2nd Edition, Nivaldo J. Tro

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## Chemistry: Structure & Properties, 2e (Tro) Chapter 1: Atoms

### 1.1. Multiple Choice Questions

1) An element has three stable isotopes with masses of 27.977 amu, 28.976 amu, and 29.973 amu. The heaviest two isotopes have an abundance of 4.68% and 3.09%, respectively. What is the mass of the element?

- A) 27.684 amu
- B) 29.251 amu
- C) 28.985 amu
- D) 30.107 amu
- E) 28.991 amu

Answer: C

Diff: 3 Var: 1 Page Ref: 1.9

LO: 1.6

Global: G4

2) All of the following will lead to a homogeneous mixture EXCEPT

- A) sugar and coffee.
- B) mud and water.
- C) salt and water.
- D) ice tea and lemonade.
- E) vinegar and water.

Answer: B

Diff: 1 Var: 1 Page Ref: 1.2

LO: 1.1

Global: G2

3) How are gases different from solids and liquids?

- A) Gases can only be made up of atoms.
- B) The particles in a gas attract each other much more strongly than in solids and liquids.
- C) Gases are compressible.
- D) Only gases can take the shape of their container.
- E) Gases are colorless.

Answer: C

Diff: 1 Var: 1 Page Ref: 1.2

# Chemistry Structure And Properties Tro Chapter 2

**Wolfgang Guggemos**



## **Chemistry Structure And Properties Tro Chapter 2:**

Chemical Engineering of Polymers Omari V. Mukbaniani, Marc J. M. Abadie, Tamara Tatrishvili, 2017-11-14 In this important volume the structures and functions of these advanced polymer and composite systems are evaluated with respect to improved or novel performance and the potential implications of those developments for the future of polymer based composites and multifunctional materials are discussed It focuses exclusively on the latest research related to polymer and composite materials especially new trends in frontal polymerization and copolymerization synthesis functionalization of polymers physical properties and hybrid systems Several chapters are devoted to composites and nanocomposites

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