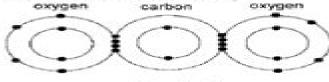


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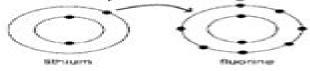
- I. MULTIPLE CHOICE INSTRUCTION: Encircle the letter of the correct answer. (1 POINT EACH)
- 1. It is a subatomic particle, symbol e- or
  - β-, with a negative elementary electric charge.
    - A. Neutron
    - 8. Electron
    - C. Protom
    - D. Attorni
- It is a subatomic particle, symbol p or p+, with a
  positive electric charge of +1e elementary
  charge and mass slightly less than that of a
  meutron.
  - A. Neutron
  - 8. Electron
  - C. Protom
  - D. Altern
- It is a subatomic particle, symbol n or nO, with no net electric charge and a mass slightly larger than that of a proton.
  - A. Neutron B. Electron
  - C. Proton
  - D. Atom
- 4. Is this an example of ionic bonding?



carbon dioxide

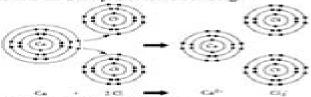
- A. Yes, it is ionic bonding.
- No, it is of another type of chemical bonding.
- C. There is no chemical bonding present.
- D. This is just an orbital model.

5. Is this an example of ionic bonding?



littreum fluoride

- A. Yes, it is ionic bonding.
- No, it is of another type of chemical bonding.
- There is no chemical bonding present.
- D. This is just an orbital model.
- In atomic physics and quantum chemistry, the electron configuration is the distribution of electrons of an atom or molecule in atomic or molecular orbitals.
  - A. Electron Configuration
  - Periodic Table of Elements
  - C. Orbital Models
  - D. Emergy Levels
- 7. Is this an example of ionic bonding?



- A. Yes, it is ionic bonding.
- No, it is of another type of chemical bonding.
- There is no chemical bonding present.
- This is just an orbital model.
- It is a chemical rule of thumb that reflects observation that atoms of main-group elements tend to combine in such a way that each atom has eight electrons in its valence shell, giving it the same electronic configuration as a noble gas.
  - A. Octet Bulle
  - 8. Valence Electrons
  - C. Atomic Orbitals
  - D. Chemical Bonds
- It is the smallest constituent unit of ordinary matter that has the properties of a chemical element.
  - A. Nieutron
  - B. Electron
  - C. Proton
  - D. Atom
- 10. It is a type of chemical bond that involves the electrostatic attraction between oppositely

# Physical Science Grade 11 Final Examination 2014 Scope

**Ying-Ying Zheng** 

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