**KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS**
**DEPARTMENT OF PHYSICS**
**PYP – 001- Section 03**

**Name:Key** **I.D. #** **QUIZ No. 4**

The diagram shows part of the Periodic Table of the elements.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | He |
| Li | | | | | | | | | | | | | C | N | O | F | Ne |
| Na | | | | | | | | | | | | | | | S | Cl | Ar |
| K | | | | | | | Fe | | | Cu | Zn | | | | | Br | Kr |

1. Which of the following shows in the proper order: a **transition metal**, a **noble gas**, and an **alkali metal**?
   - **A.** Fe, Ne, and C
   - **B.** Cu, Ar, and N
   - **C.** Zn, He, and Na
   - **D.** K, He, and Cl
   - **E.** Li, S, and O

2. The atomic mass of many elements is measured by atomic mass unit instead of kilogram, due to:
   - **A.** The SI unit of the mass is atomic mass unit.
   - **B.** The mass of the proton is approximately equal to the mass of neutron.
   - **C.** The mass of electron is tiny compared to mass of proton
   - **D.** The atomic mass of the atom is too small compared to one kilogram.
   - **E.** All answers above are right.