

**ACTIVITY SHEET**

1. Describe the structure of an atom.

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2. Define each of the following terms.

a) Atomic number

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b) Atomic weight (mass number)

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c) Isotopes

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3. State two functions of radioisotopes.

i) .....

ii) .....

4. Explain the formation of an ion.

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5. Distinguish between the terms in each of the following sets.

a) Atom : Ion

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b) Ionic bond : Covalent bond

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c) Ionic bond : Hydrogen bond

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d) Solute : Solvent : Solution

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e) Acid : Base / Alkali : Neutral substance

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6. Explain the pH scale

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7. Discuss the importance of buffers in the body.

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