

**MINISTRY OF EDUCATION, HERITAGE AND ARTS**  
**YEAR 8 BASIC SCIENCE**  
**REVISION WORKSHEET 3**

Write the answers to the following questions in your exercise/activity books.

**I.** Write **True** or **False** next to each statement. **(5 marks)**

- a. It is a chemical change when water freezes. \_\_\_\_\_
- b. Plants are living things. \_\_\_\_\_
- c. Minerals like Nitrogen and Carbon flow into the ecosystem. \_\_\_\_\_
- d. There are three states of matter namely solid, liquid and gas \_\_\_\_\_
- e. Snakes are classified as mammals. \_\_\_\_\_

**II.** In the list given below, underline only the processes that qualify as **physical change**. **(2 marks)**

- a. Burning
- b. Bending
- c. Breaking
- d. Dissolving
- e. Crushing
- f. Evaporating
- g. Melting
- h. Decaying

**III.** Matter is any state that is composed of small particles – ***molecules***, ***atoms*** or ***ions***. Define the terms written in *italics*. **(3 marks)**

**IV.** Differentiate between the following terms: **(6 marks)**

- a. Deforestation and Afforestation
- b. Mass and Weight
- c. Greenhouse Effect and Ozone Depletion

**The End**

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