

MINISTRY OF EDUCATION, HERITAGE AND ARTS

YEAR 8 BASIC SCIENCE

REVISION WORKSHEET 8

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

A. Identify the type of matter for each of the following: (11½ marks)

E = Element

M = Mixture

C = Compound

S = Solution

The first example has been done for you (i.e) Salt - C

| | | | |
|--------------------|----------------------------|-------|--------|
| Salt - C | Sand | Water | Soil |
| Soda | Steel | Sugar | Gold |
| Gravel | Oxygen | Chili | Mirror |
| Raisin Bran Cereal | Silver | | |
| Lithium Carbonate | Apple pie | | |
| Iced tea | Sodium | | |
| Carbon dioxide | Brass | | |
| Air | Blue Cheese salad dressing | | |
| Hot Fudge Sundae | Lemonade | | |

B. Write (T) for True and (F) for False for the following statements in the spaces provided. **(4½ marks)**

| | | |
|----------|---|--|
| 1 | Liquids expand in all directions to take the shape of the container they are in. | |
| 2 | When solids reach their melting points, they become gas. | |
| 3 | Carbon is an element. | |
| 4 | A compound is made up of two or more different elements chemically joined together. | |
| 5 | A physical change is usually non reversible. | |
| 6 | Spinning is used to separate sugar crystals from liquid sugar. | |
| 7 | In condensation, liquid changes to gas. | |
| 8 | A mixture is a combination of two or more substances that are chemically joined together. | |
| 9 | A paper wrapped around the magnet prevents the iron filings from being attracted to the magnet. | |