



Name _____ Class _____ Roll no. _____ Date _____ Marks _____ / 29

1 Key words**[4]**

Fill in the blanks with words from the box. Two words in the box are not needed. Each blank carries 0.5 mark.

baking soda ductility iron malleability metals mineral sodium sodium chloride
sugar sugarcane

The chemical name of edible salt is _____. Food is made to rise and puff up with _____. Sugar is usually made from the juice of _____. Most soaps and detergents contain the metal _____. Iron, copper and gold are examples of _____. The alloy steel is made by mixing carbon with _____. The property of a metal of being beaten into thin sheets is called _____, and of being drawn into thin wires, _____.

2 Match the following**[3]**

Match each chemical in Column A with its use in Column B. Write the letter in the box. One use in Column B is not needed. Each match carries 0.5 mark.

Column A**Column B**

1. baking soda

a. fuel for cooking

2. common salt

b. removes ink and paint stains

3. phenol

c. washes clothes even in hard water

4. stain remover

d. makes bread and cakes rise

5. copper

e. preserves fish, meat and pickles

6. detergent

f. electric wires

g. disinfects floors and toilets

3 Multiple choice**[5]**

Choose the correct option for each of the following questions.

i. What is the chemical name of baking soda?

[1]

a. sodium chloride

b. sodium carbonate

c. sodium bicarbonate

d. sodium sulphate

ii. Which group of chemicals belongs together?

[1]

a. ghee, oil, soap and sugar

b. ghee, oil, salt and sugar

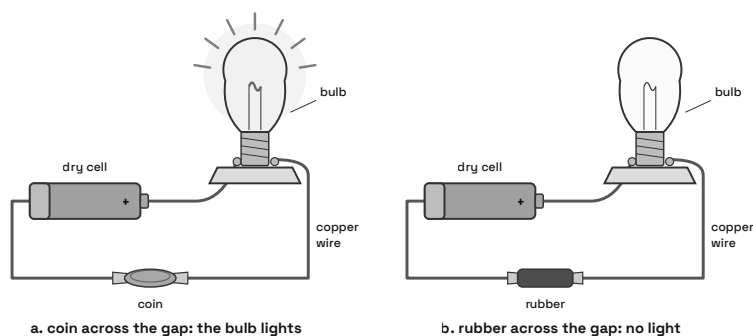
c. phenol, oil, soap and sugar

d. ghee, oil, salt and stain remover



c. Which two properties of metals make them suitable for cooking pots? [2]

d. Look at the two circuits. Why does the bulb light in a but not in b? What does this show about metals and non-metals? [2]



6 Long answer [4]

Write a long answer to the following question.

Write any four differences between metals and non-metals.

7 Think [2]

Think, then answer.

Ballpoint ink has stained your friend's clothes. Her mother has washed them with soap and water many times, but the stain won't go. What can be done? Give your friend a suggestion.



8 Activity: Metal or non-metal?

(not marked)

Test each thing: does it shine, does it flatten or break when hammered, does it ring when tapped? Then decide.

Thing	Shines?	Hammered: flattens or breaks?	Rings?	Metal or non- metal?
iron nail				
piece of coal				
copper wire				
aluminium foil				

