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Online Education Solutions

CHEMISTRY LESSON 02 TEST.

Topic 1 : Chemistry and society.

Lesson tittle. Products we use in every day life as a result of knowledge and skills of chemistry .

Instructions. *This paper is made up of two sections A and B. Attempt all questions.*

Teacher's table of results (Official use)

Qtn	Marks	Comment and signature.

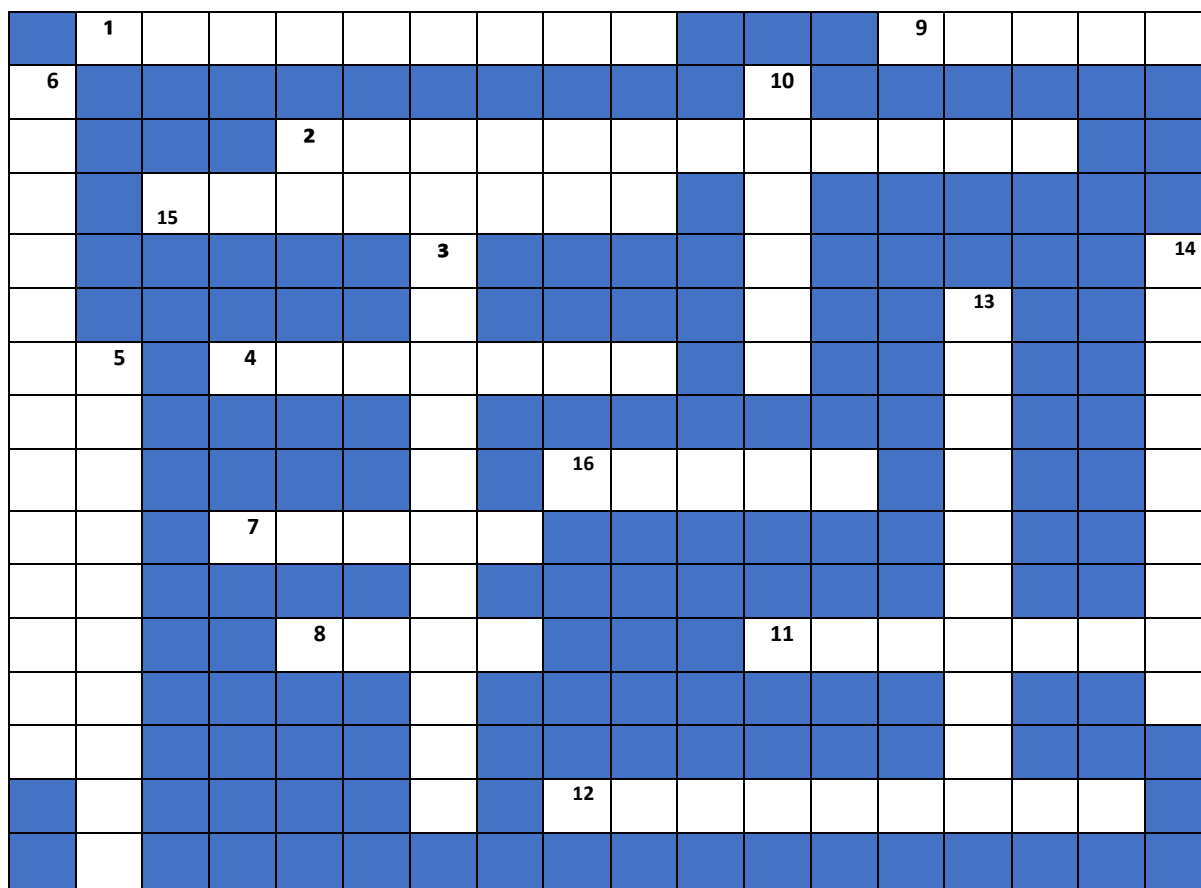
SECTION A.

Attempt all questions in this section

1).Figure 1 below is a crossword puzzle about ***the substances we use in our daily life which are as a result of knowledge of chemistry***. Fill in the puzzle as guided by the clue list. Choose the correct word from the list and write it across or downwards in upper case (Capital letters). Do not use a pencil.

Figure 1

(16 marks)



Pick the substances to be filled in the table from the list below. Each substance is briefly described after list of substances.

- SOAP • ETHANOL • TABLESALT • HANDSANITIZER • CHARCOAL
- SHOE POLISH • STEEL • DETERGENT • PAINT • COPPER • MOUTHWASH
- SUCROSE • PARACETAMOL • BAKINGPOWDER • TOOTHPASTE • WATER

Across.

- 1.** An antiseptic solution which is used to kill antibacterial load in your oral cavity.
- 2.** A dry chemical leavening agent which is a food additive used for increasing volume and lightening the texture of baked goods made of flour.
- 4.** Type of table sugar, added to tea; juice and sweetening of other beverages.

7. Universal solvent , needed by all living organism and also used for domestic purposes.

8.Processed in bars, cleansing agent used for washing clothes, untencils and other kinds of household cleaning.

9.A substance composed of solid colouring matter suspended in a liquid medium and applied as a protective or decorative coating to various surfaces and also used in producing work of art.

11. A clear colourless liquid which is widely used in making beers, wines and whisky, produced as a result of fermentation of sugars.

12. Water soluble cleansing agent usually in powdery form, forms lather readily with any kind of water. Used for washing of clothes and other household cleaning.

15.Light weight black carbon residue produced by heating wood in absence of air.

16.Alloy of carbon and iron used making kitchen cutlery such as knives; forks and used in making nails and bars.

Downwards.

3.Common pain killer(tablets) usually called "*panadol*" used to treat aches and pain.

5.Applied of black shoes. It is made of black carbon called *lampblack*. Commonest example is "*kiwi*"

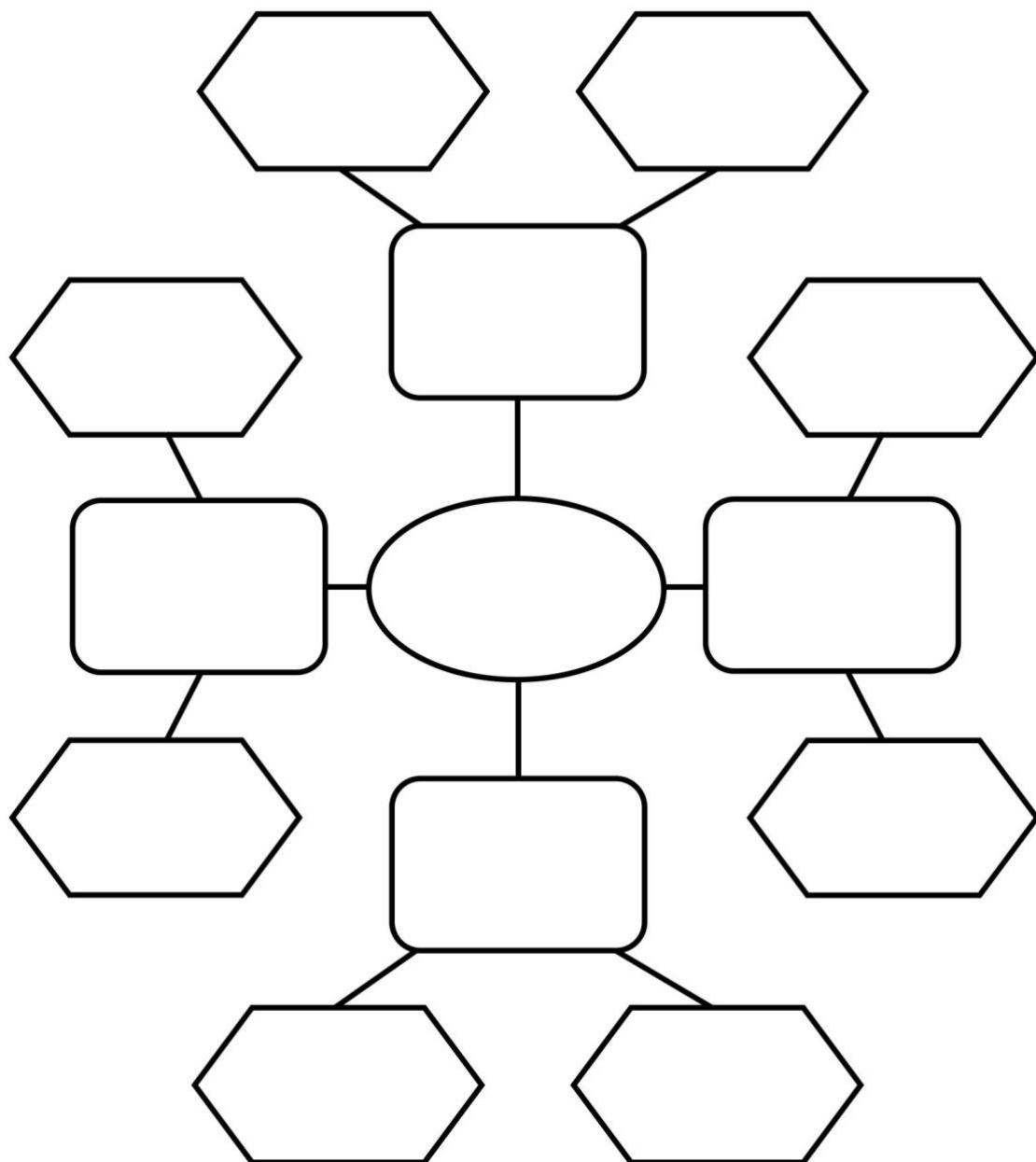
6. Known as "*hand antiseptic* " it is a liquid or gel packed in small or medium sized bottles which people used in Covid-19 times to wash their hands against corona virus.

10.reddish-brown metal used in making electric wires because of their high electrical conductivity.

13.used in brushing of teeth to remove bacteria present in our teeth. Commonest examples include *Colgate and delident*,

14.It's chemical name is *sodium chloride* . Used as a preservative

2. (a) Fill in the blank mind map below with four general products we use in every day life classified as, agricultural chemicals (Farm input) ,body care products ,laundry products and pharmaceutical. *Note. Include the examples of products for each case.*



(b) Explain the role of the agricultural chemicals given in the mind map towards food security in Uganda. .

(06marks)

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SECTION B.

3. Write an article to be published in New vision newspapers with theme “*appreciating chemistry in every day products*” (15 marks)

End.

@Tr. Ssemogerere Hasems Ramkapul-prime learn.