



**QUESTION 1**

Choose the correct word from those given and cross your answer in the box below:

**1.1 Although living things look different, they all carry out seven similar life processes. One of the following is not part of the seven life process \_\_\_\_\_.**

- A. Movement
- B. Sensing
- C. Shelter
- D. Feeding

A	B	C	D
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[1]

**1.2 When growing yeast \_\_\_\_\_ water is used.**

- A. Cold
- B. Boiling water
- C. Luke warm
- D. Frozen

A	B	C	D
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[1]

**1.3 A \_\_\_\_\_ structure give support:**

- A. Shell
- B. Frame
- C. Wall
- D. Basket

A	B	C	D
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[1]

**1.4 A \_\_\_\_\_ shape does not change easily.**

- A. Liquids
- B. Solids
- C. Gas
- D. None of the above

A	B	C	D
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[1]

**1.5 Which one of the following is not a property of glass?**

- A. Waterproof
- B. Heat resistant
- C. Flexible
- D. Transparent

A	B	C	D
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[1]

**QUESTION 2**

State whether the following statements are true or false:

[5]

Statements	True / False
2.1. Freezing is the process when a liquid changes to a solid through cooling.	
2.2. Plants need light, water, air and soil to grow.	
2.3. Gases have no definite shape and take up all space available.	
2.4. When solid change to liquid the process is called condensing.	
2.5. Materials can be in three (3) states: e.g. Solid, Liquid and Gas.	

**QUESTION 3**

[7]

From the list:

[Glass jug]	[Dish cloth]	[Leather belt]
[Gum boots]	[Tooth brush]	[Clay pot]
[Plastic plate]	[Newspaper]	[Towel]

A. Name two objects that are flexible.

\_\_\_\_\_ [2]

B. Name one object that is waterproof.

\_\_\_\_\_ [1]

C. Name two objects that are absorbent.

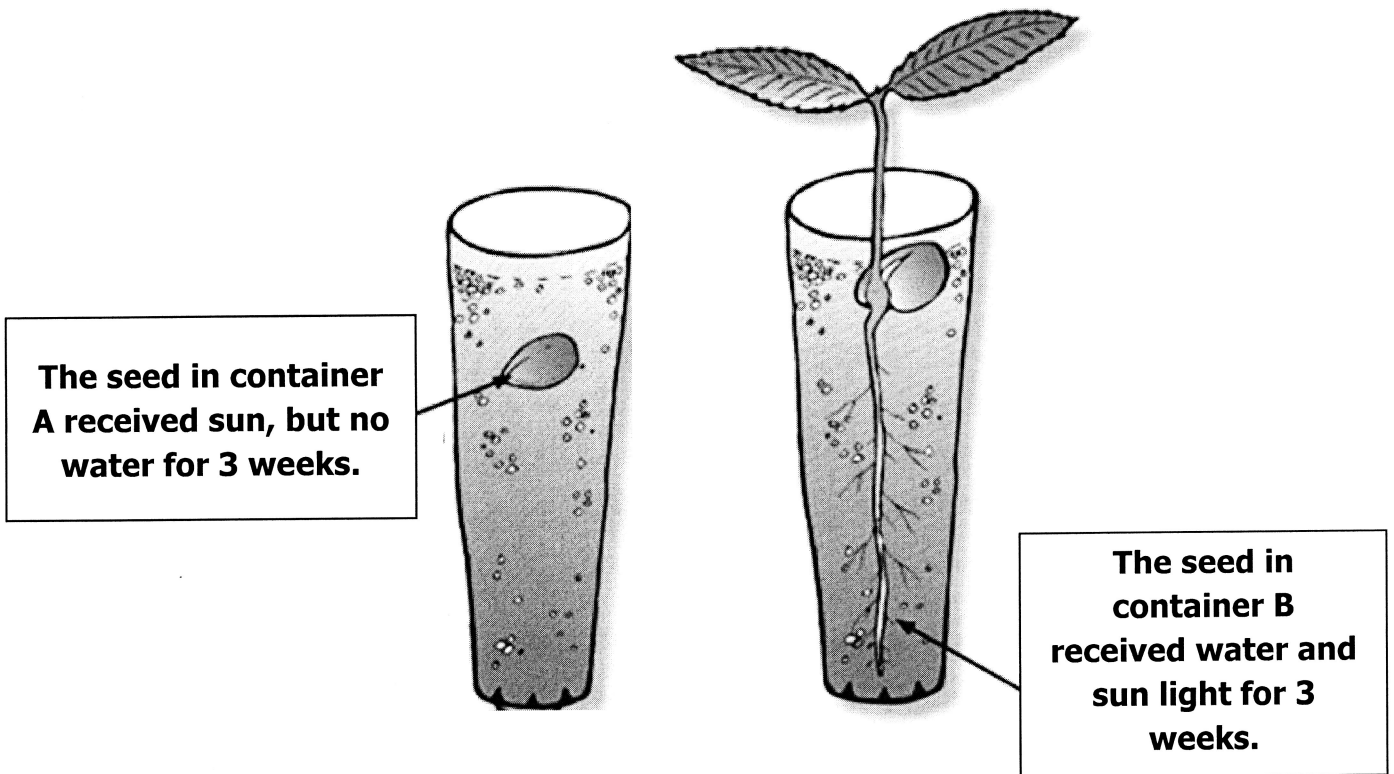
\_\_\_\_\_ [2]

D. List two objects that are brittle.

\_\_\_\_\_ [2]

**QUESTION 4**

Study the following pictures and answer the questions that follow:



**4.1 Explain what happened with container A's seed and why it never germinated.**

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[2]

**4.2 Explain what happened with container B's seed and why it germinated.**

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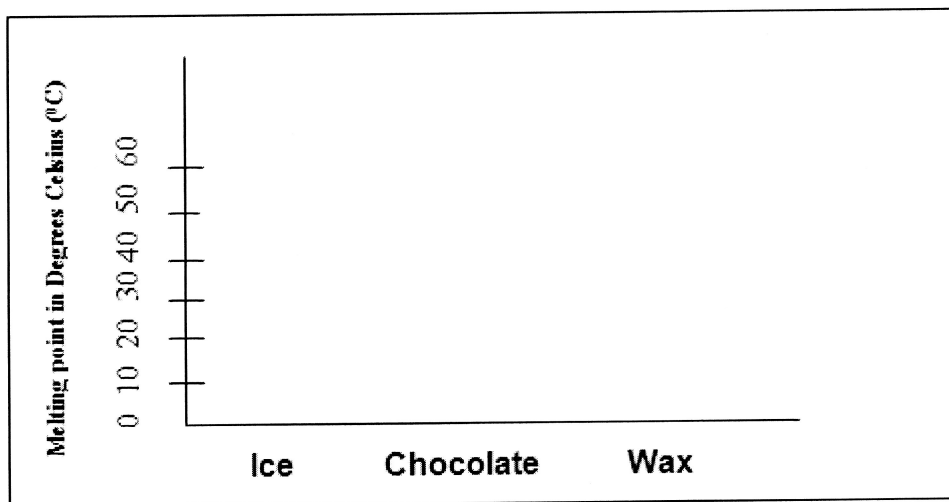
[2]

**QUESTION 5**

The table below shows the melting temperature of different substances.

Substance	Melting point in degrees Celsius ( $^{\circ}\text{C}$ )
Ice	10
Chocolate	30
Wax	60

5.1 Use the information listed in the table and draw a bar graph showing the different melting temperatures for these substances. [3]



5.2 Look at your graph and decide which substance melts at the lowest temperature.

\_\_\_\_\_ [1]

5.3 Look at your graph and decide which substance melts at the highest temperature.

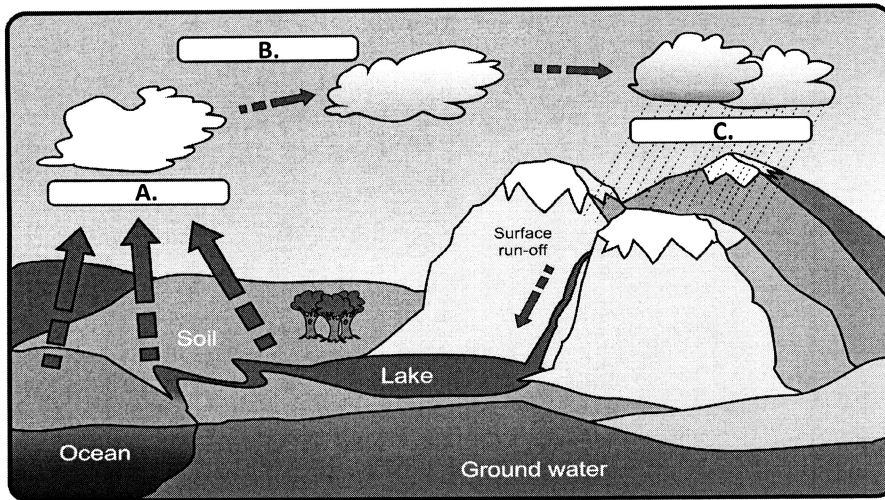
\_\_\_\_\_ [1]

5.4 What is the name of the process when solid wax turns into a liquid?

\_\_\_\_\_ [1]

**QUESTION 6**

**6.1 Complete the water cycle by filling in the missing words.**



**A:** \_\_\_\_\_

**B:** \_\_\_\_\_

**C:** \_\_\_\_\_

[3]

**6.2 Use the water cycle to explain in your own words how rain is formed.**

\*(Use the picture and words above to help you.)

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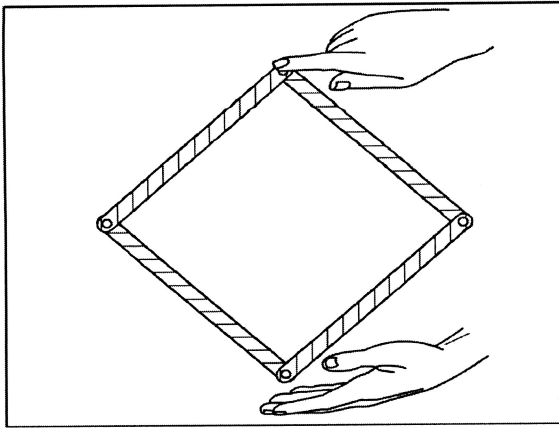


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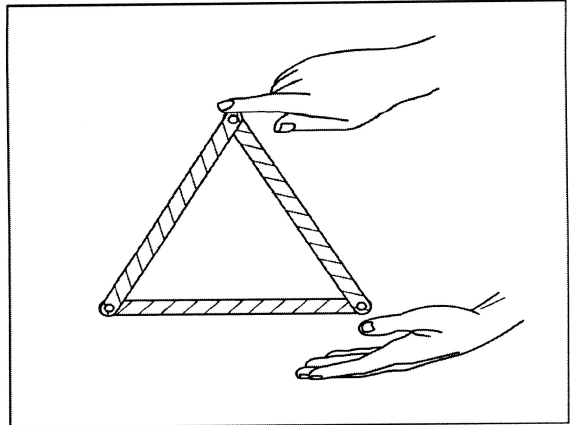
[4]

**QUESTION 7**

Study the following pictures and answer the questions that follow.



**Figure A: Square shape**



**Figure B: Triangle shape**

**7.1 Which shape will lose its shape when you press on the corner?**

\_\_\_\_\_ [1]

**7.2 Suggest two ways how we can strengthen the shape?**

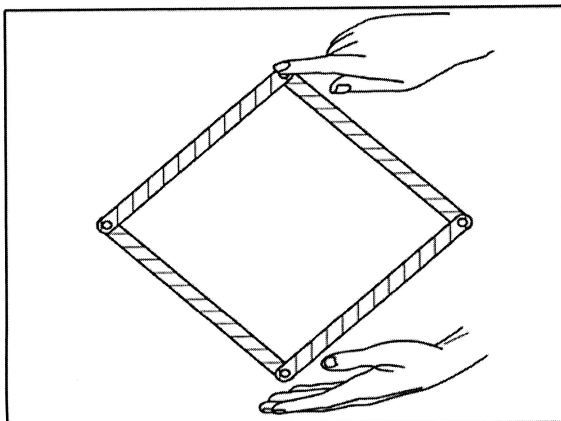
\_\_\_\_\_  
\_\_\_\_\_ [2]

**7.3 Which shape do you think is the strongest and why?**

\_\_\_\_\_  
\_\_\_\_\_ [2]

**7.4 Draw on Figure A below how you will reinforce the square.**

[1]



**Figure A: Square shape**

**TOTAL = 40**