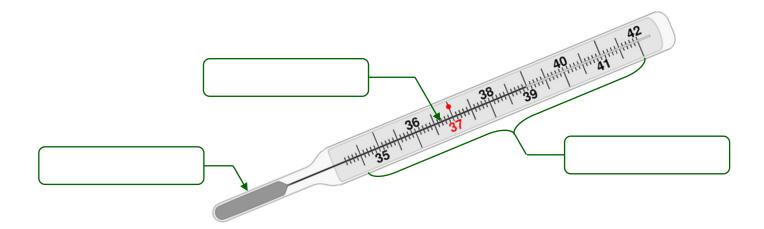
#### Science

#### The three states of water

# Question 1: Circle the letter which corresponds to the correct answer.

| 1. | The normal body temperature of human beings is about          |          |                                |
|----|---|----------|--------------------------------|
| Α  | 0 °C  | С        | 37 °C                          |
| В  | 15 °C   | D        | 50 °C                          |
|    |   |          |                                |
| 2. | The reddish liquid inside a thermon                           | neter is | S                              |
| Α  | mercury.  | С        | water.                         |
| В  | alcohol.  | D        | oil.                           |
|    |   |          |                                |
| 3. | The temperature of ice is                                     |          |                                |
| Α  | below 0 °C  | С        | about 10 °C                    |
| В  | above 0 °C  | D        | about 20 °C                    |
|    |   |          |                                |
| 4. | Which one of the following is a gas                           | ?        |                                |
| Α  | Ice.  | С        | Water vapour.                  |
| В  | Water.  | D        | Snow.                          |
|    |   |          |                                |
| 5. | We don't see ice on top of the mountains in Mauritius because |          |                                |
| Α  | it is too hot there.  | С        | the mountains are too high.    |
| В  | it is too cold there.   | D        | the mountains are not so high. |

# Question 2: Label the thermometer below with markings, bulb, mercury.



## Question 3: Match Column A to Column B.

| Column A     | <u>Column B</u>                  |  |  |
|--------------|----------------------------------|--|--|
| Evaporation  | Water vapour changes into water. |  |  |
| Condensation | Ice changes into water.          |  |  |
| Freezing     | Water changes into water vapour. |  |  |
| Melting      | Water changes into ice.          |  |  |

## Question 4.

(i)

(ii)

| (a)   |        | Anna is carrying out an experiment with some ice cubes.           |     |
|-------|--------|---|-----|
|       | Tick ( | /) the correct box to show what she learns during her observation | 15. |
|       |        | hot oold  |     |
| (i)   | Ice is | hot cold  |     |
|       |        | slippery non-slippery   |     |
| (ii)  | Ice is | Пон-зпррегу   |     |
|       |        | hard soft   |     |
| (iii) | Ice is |   |     |
|       |        |   |     |
| (b)   | Write  | e down <u>two</u> ways in which ice can be used.                  |     |
| (i)   |        |   |     |
| (ii)  |        |   |     |
|       |        |   |     |
| (c)   | Com    | plete the sentences with <u>one</u> suitable word.                |     |

Ice is water in the \_\_\_\_\_ state.

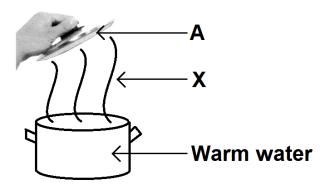
Ice can be seen on top of very high \_\_\_\_\_\_.

# Question 5: Write TRUE or FALSE in the boxes.

| 1. | A digital thermometer is used to measure body temperature. |  |
|----|--|--|
|    |  |  |
| 2. | Ice is water in the liquid state.                          |  |
|    | 100 to Water in the liquid state.                          |  |
|    |  |  |
| 3. | There is water vapour in the air.                          |  |
|    |  |  |
| 4. | Salt is obtained by evaporating sea water.                 |  |
|    | 3 3  |  |
|    |  |  |
| 5. | When it is warm, the temperature is low.                   |  |

## Question 6.

# A metal lid is held over warm water.



| a) | Name the gas which rises at <b>X</b> .   |
|----|--|
|    |  |
| b) | What will appear at <b>A</b> after some time ?                                   |
|    |  |
| c) | Name the process by which the water becomes gas <b>X</b> .                       |
|    |  |
| d) | Explain the process occurring when gas <b>X</b> comes into contact with the lid. |
|    |  |