

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 ...

A 0 °C

C 37 °C

B 15 °C

D 50 °C

2. The reddish liquid inside a thermometer is ...

A mercury.

C water.

B alcohol.

D oil.

3. The temperature of ice is ...

A below 0 °C

C about 10 °C

B above 0 °C

D about 20 °C

4. Which one of the following is a gas ?

A Ice.

C Water vapour.

B Water.

D Snow.

5. We don't see ice on top of the mountains in Mauritius because ...

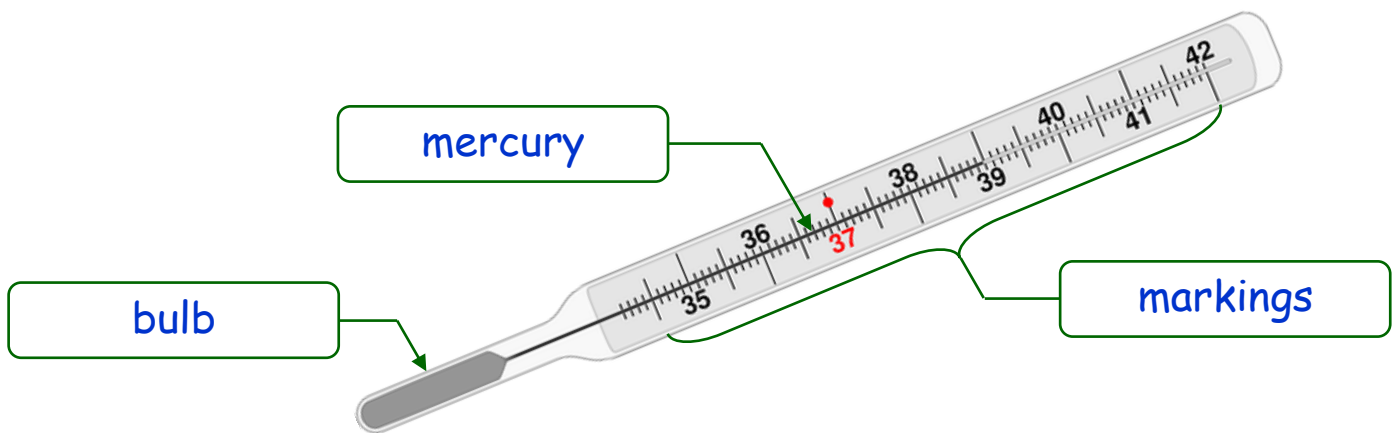
A it is too hot there.

C the mountains are too high.

B it is too cold there.

D the mountains are not so high.

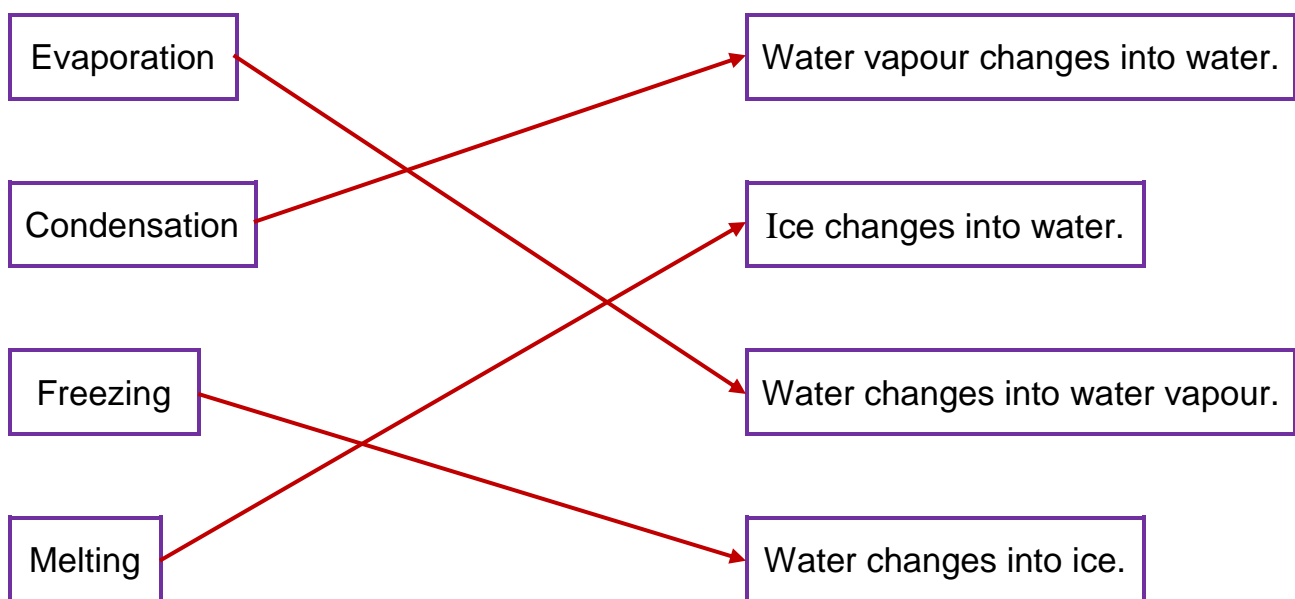
Question 2: Label the thermometer below with **markings**, **bulb**, **mercury**.



Question 3: Match Column A to Column B.

Column A

Column B



Question 4.

(a) Anna is carrying out an experiment with some ice cubes.

Tick (✓) the correct box to show what she learns during her observations.

(i) Ice is hot cold

(ii) Ice is slippery non-slippery

(iii) Ice is hard soft

(b) Write down two ways in which ice can be used.

(i) Ice can be used for skiing and skating.....

(ii) Ice can be used for relief of pain.....

OR Ice can be used for cooling drinks / for keeping drinks

(c) Complete the sentences with one suitable word.

(i) Ice is water in the _____ solid _____ state.

(ii) Ice can be seen on top of very high _____ mountains _____.

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

1. A digital thermometer is used to measure body temperature.

TRUE

2. Ice is water in the liquid state.

FALSE

3. There is water vapour in the air.

TRUE

4. Salt is obtained by evaporating sea water.

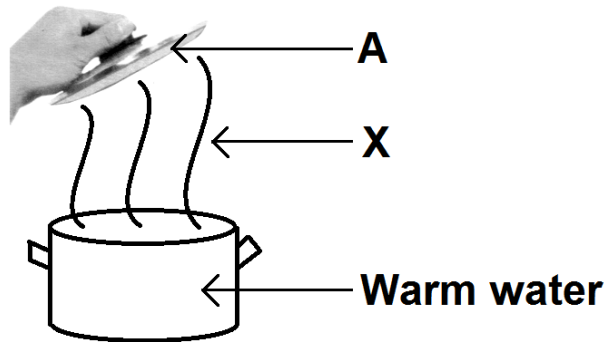
TRUE

5. When it is warm, the temperature is low.

FALSE

Question 6.

A metal lid is held over warm water.



a) Name the gas which rises at X.

Water vapour.....

b) What will appear at A after some time ?

Droplets of water will appear at A.....

c) Name the process by which the water becomes gas X.

Evaporation.....

d) Explain the process occurring when gas X comes into contact with the lid.

When water vapour (gas X) comes into contact with the cold lid, the water vapour condenses to form tiny droplets of water.