



MAHA BODHI SCHOOL
2025 SCIENCE REVIEW 2
PRIMARY FIVE

Name : _____ ()

Date : 27 August 2025

Class : Primary 5 _____

Duration : 50 min

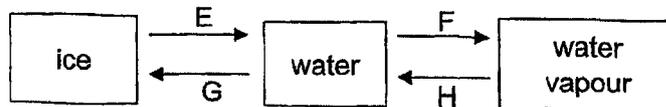
Marks: / 30

Parent's signature : _____

Section A : [8 x 2 marks = 16 marks]

For each question from 1 to 8, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). **Write your answer in the bracket.**

1. The diagram below shows the changes of state of water.



Which of the processes E, F, G or H involves heat loss by water?

- (1) E and F only
(2) G and H only
(3) E and H only
(4) F and G only

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2. Which of the following are parts of the respiratory system?

- A. heart
B. lungs
C. gullet
D. nose
E. mouth

- (1) A and E only
(2) B and D only
(3) C and E only
(4) B, C and D only

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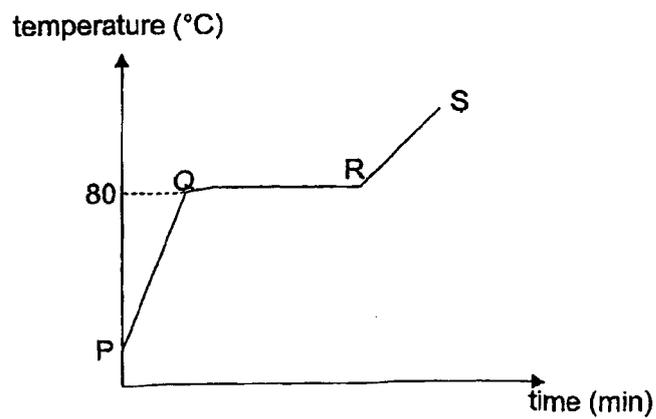
3. In which of the following part(s) is/are water-carrying tubes found?

- A. roots
- B. stems
- C. leaves
- D. flowers

- (1) A only
- (2) A and B only
- (3) B and C only
- (4) A, B, C and D

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4. The graph below shows the temperature of liquid Y as it is heated.

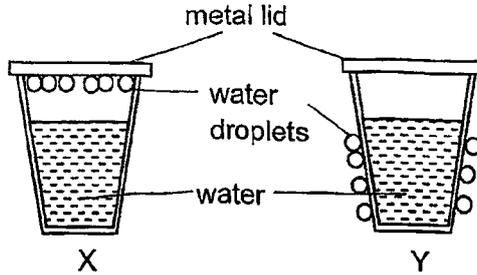


Which of the following statements is true?

- (1) Y is water.
- (2) Y is melting from Q to R.
- (3) The boiling point of Y is 80°C.
- (4) There is no heat gained by Y from Q to R.

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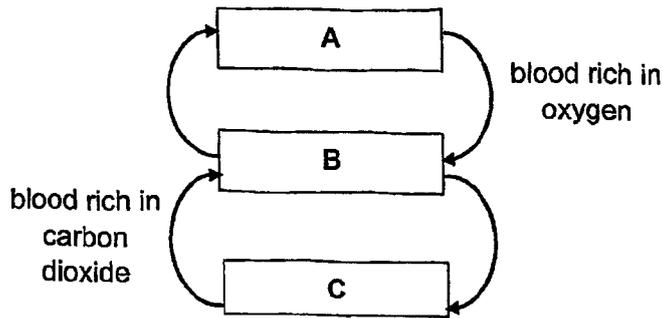
5. Two cups, X and Y, were filled with water at different temperatures. Metal lids were placed on the cups, and both cups were left in a room with a temperature of 30 °C. After some time, water droplets were observed as shown in the diagram below.



Which of the following shows the possible temperatures of water in cups X and Y at the start of the experiment?

	X (°C)	Y (°C)	
(1)	30	10	()
(2)	10	40	
(3)	40	10	
(4)	40	30	

6. The diagram below shows the blood flow in parts A, B and C of the human body.



Which of the following correctly represents the body parts A, B and C?

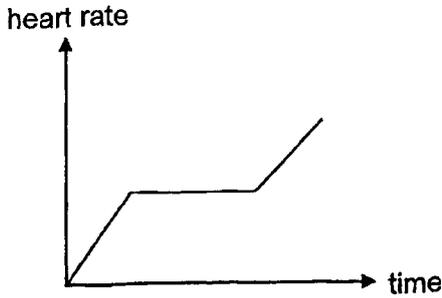
	A	B	C	
(1)	heart	lungs	leg	()
(2)	lungs	leg	heart	
(3)	lungs	heart	leg	
(4)	leg	heart	lungs	

Marks : / 4

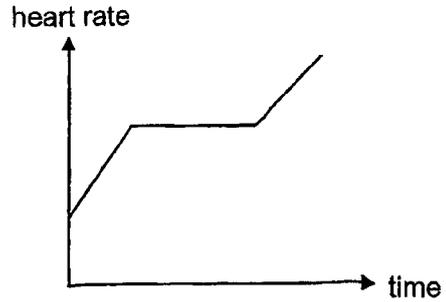
7. Ali began running for a period of time before slowing down to a walk. After walking for a while, he started running again.

Which of the graphs below correctly shows how Ali's heart rate changed?

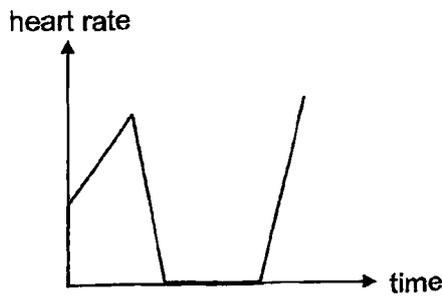
(1)



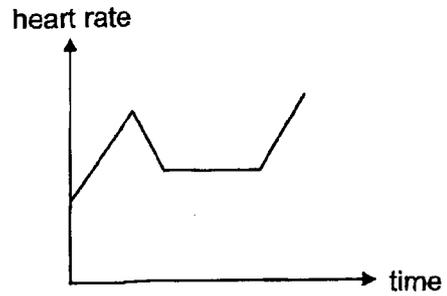
(2)



(3)



(4)



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8. Jenny wanted to find out if the number of roots affect the amount of water taken in by a plant.

Which of the following variable(s) should she keep the same?

- A. number of roots
- B. number of leaves
- C. type of plant
- D. thickness of stem

- (1) A only
- (2) C and D only
- (3) B, C and D only
- (4) A, B, C and D

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Marks :

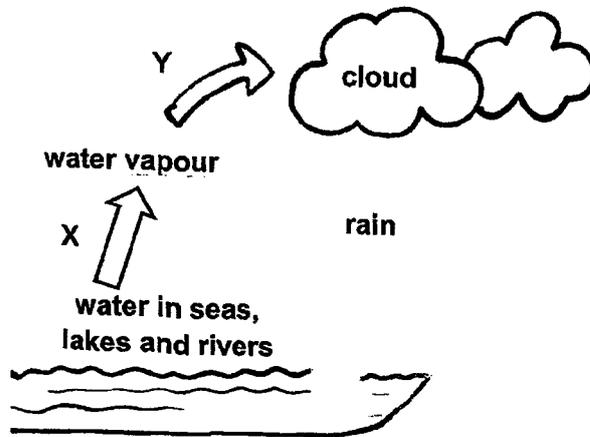
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SECTION B : [14 marks]

For questions 9 to 12, write your answers in this booklet.

The number of marks available is shown in the brackets [] at the end of each question or part-question.

9. (a) The diagram below shows the water cycle.



Based on the diagram, name the processes X and Y.

[2]

X: _____

Y: _____

- (b) On a hot day, John poured some water on his head.



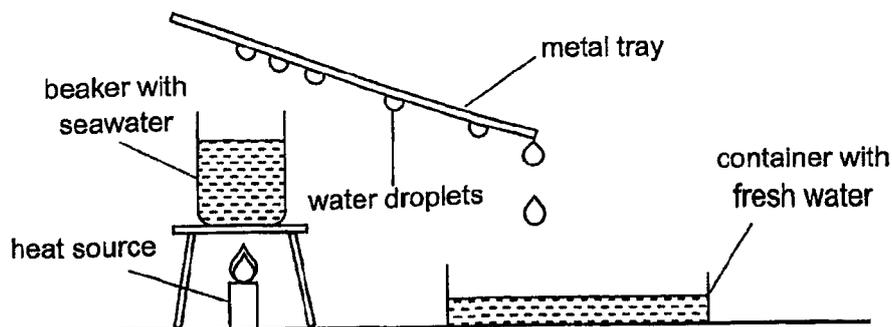
Explain why John felt cooler as the water dried up.

[1]

Marks:

/ 3

10. Lisa was trying to collect freshwater from seawater using the set-up as shown below. She heated the beaker until the seawater boils.



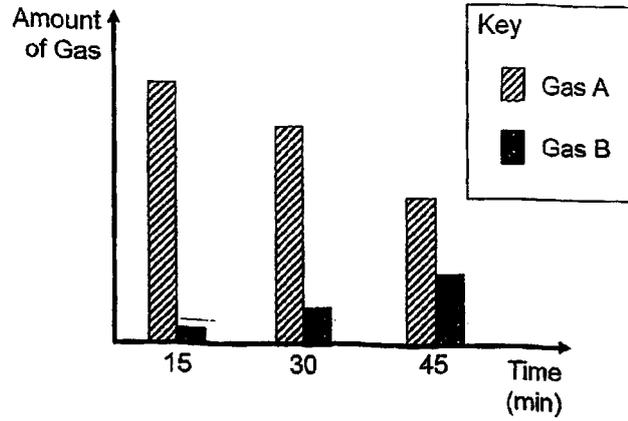
- (a) Explain how fresh water would be collected in the container. [2]

- (b) After some time, she observed that there were less water droplets dripping into the container even though the seawater continued to boil. Explain her observation. [2]

Marks:

/ 4

- 11 (a) Some people were trapped in a small room. Some panicked and started banging and kicking the door. The graph below shows the amount of two different gases present in the room at different times.



- (i) Identify Gas B. [1]
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- (ii) Give a reason for your answer in a(i). [1]
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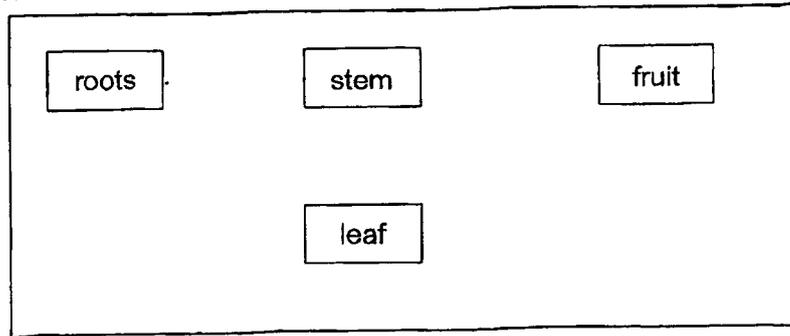
- (b) When John exercised, his breathing rate and heart rate increased.

- (i) Explain why John's breathing rate increased. [1]
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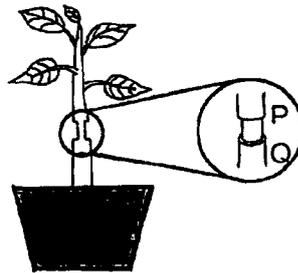
- (ii) Explain why John's heart rate increased. [1]
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Marks: / 4

- 12 (a) Four parts of a plant are shown below. Draw arrows in the diagram below to show how food is transported in a plant. [1]



- (b) An outer ring of the stem between positions P and Q of a plant is removed. The tubes which carry food between positions P and Q are removed while the tubes carrying water remain in the stem.



John measured the thickness of part P and Q over a period of time. He recorded his results in the table below. Write "P" and "Q" into the spaces to correctly show how they change over time. [1]

Part	Thickness of stem (cm)		
	Day 1	Day 3	Day 7
	6.0	6.0	6.0
	6.0	6.8	7.5

Based on the results, explain why the thickness of stem increased. [1]

Marks: / 3

~ END OF PAPER ~

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	<p>Food from the leaves were not able to be transported past P so the food was lost at P causing the stem to well.</p>
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