

Paper Reference(s) 1SC0/2BH  
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Combined Science  
PAPER 4  
Higher Tier

Friday 7 June 2024 – Afternoon

Time: 1 hour 10 minutes

Diagram Booklet

THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

## **INSTRUCTIONS**

**There may be spare copies of some diagrams in case you need them.**

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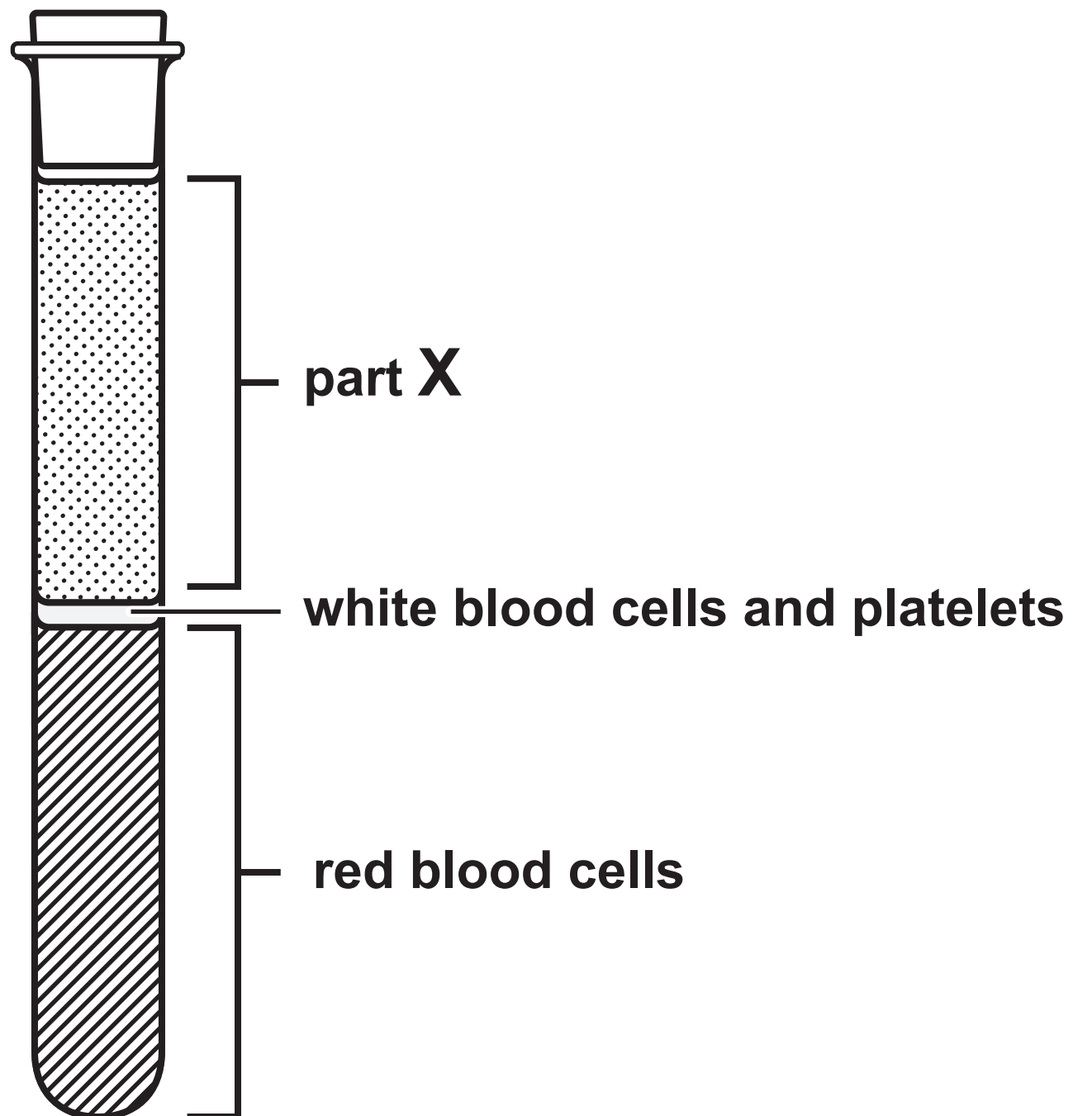
<b>3</b>	<b>Question 1</b>
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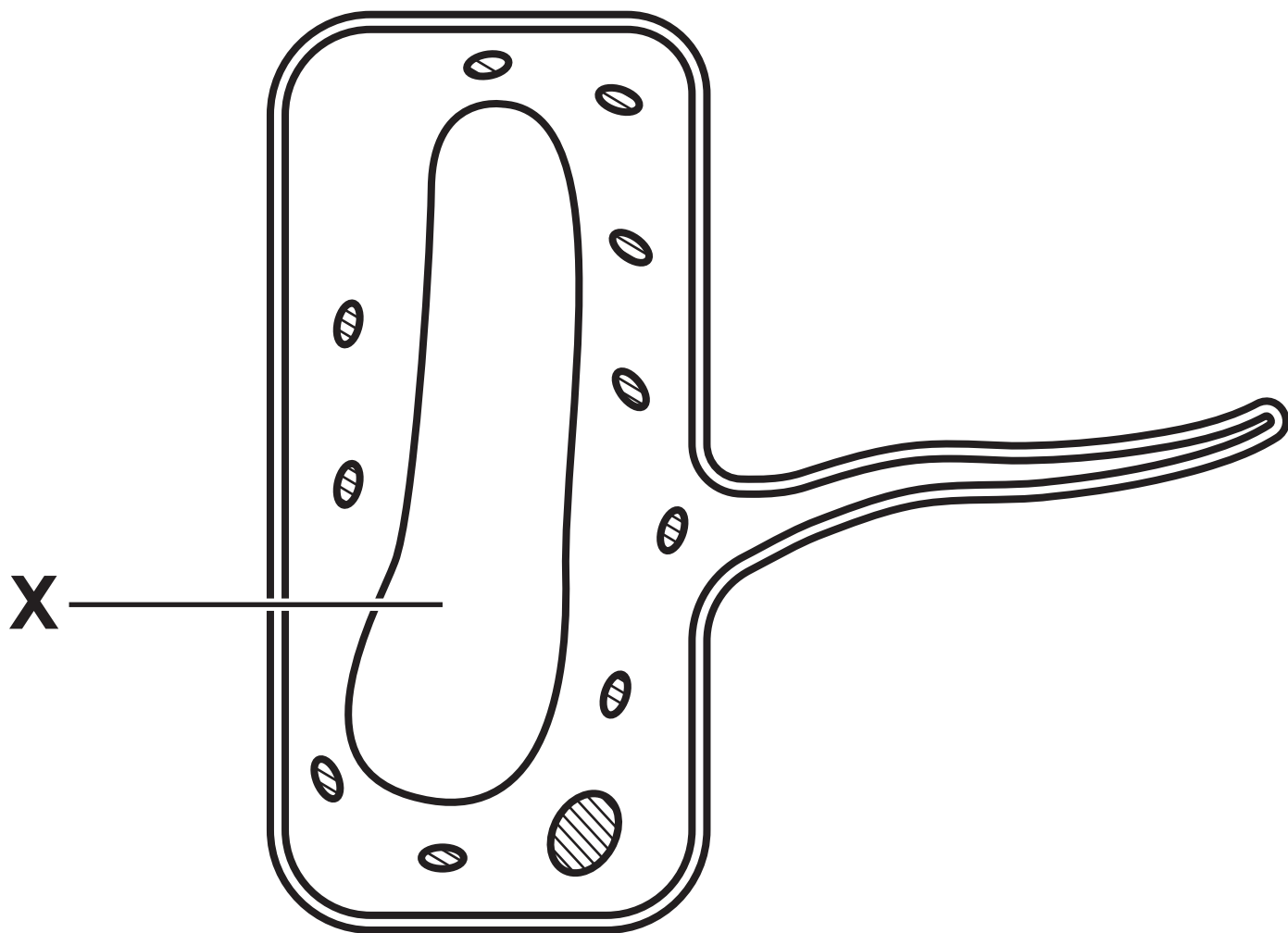
## Question 1

**FIGURE 1**



## Question 2(a)

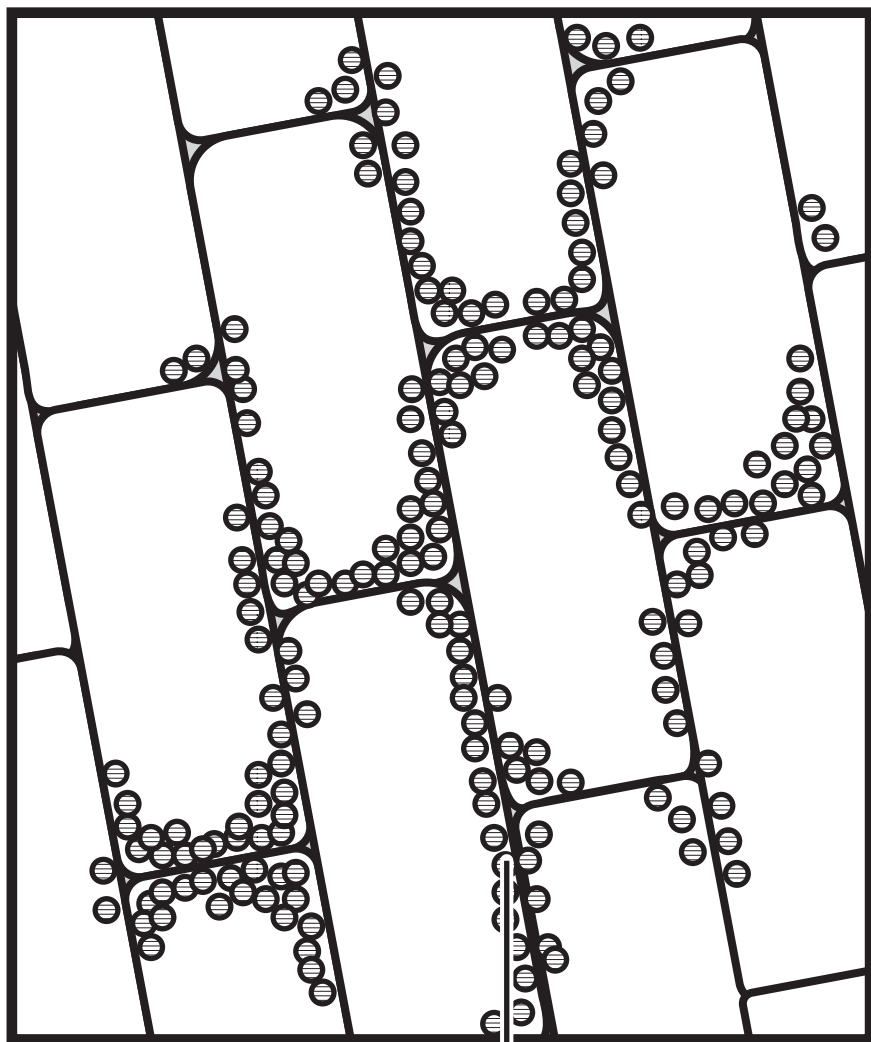
FIGURE 2



## Question 2(b)

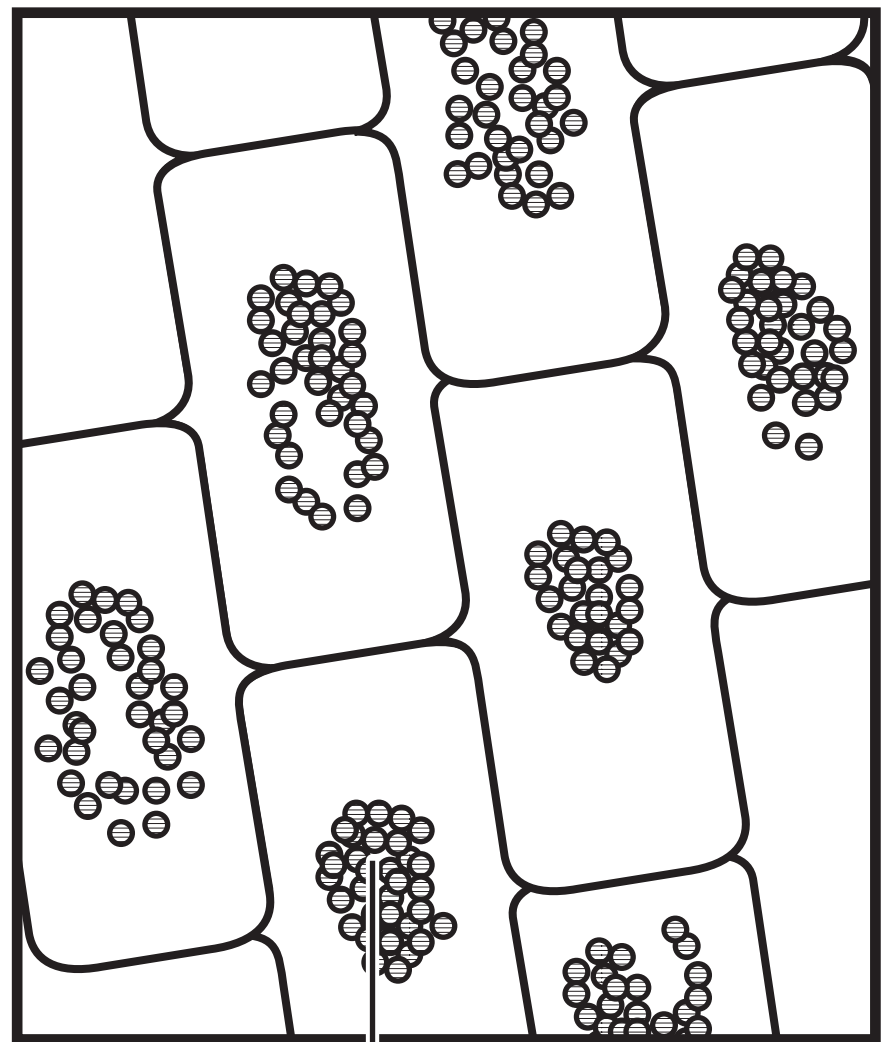
FIGURE 3

Elodea cells in tap water

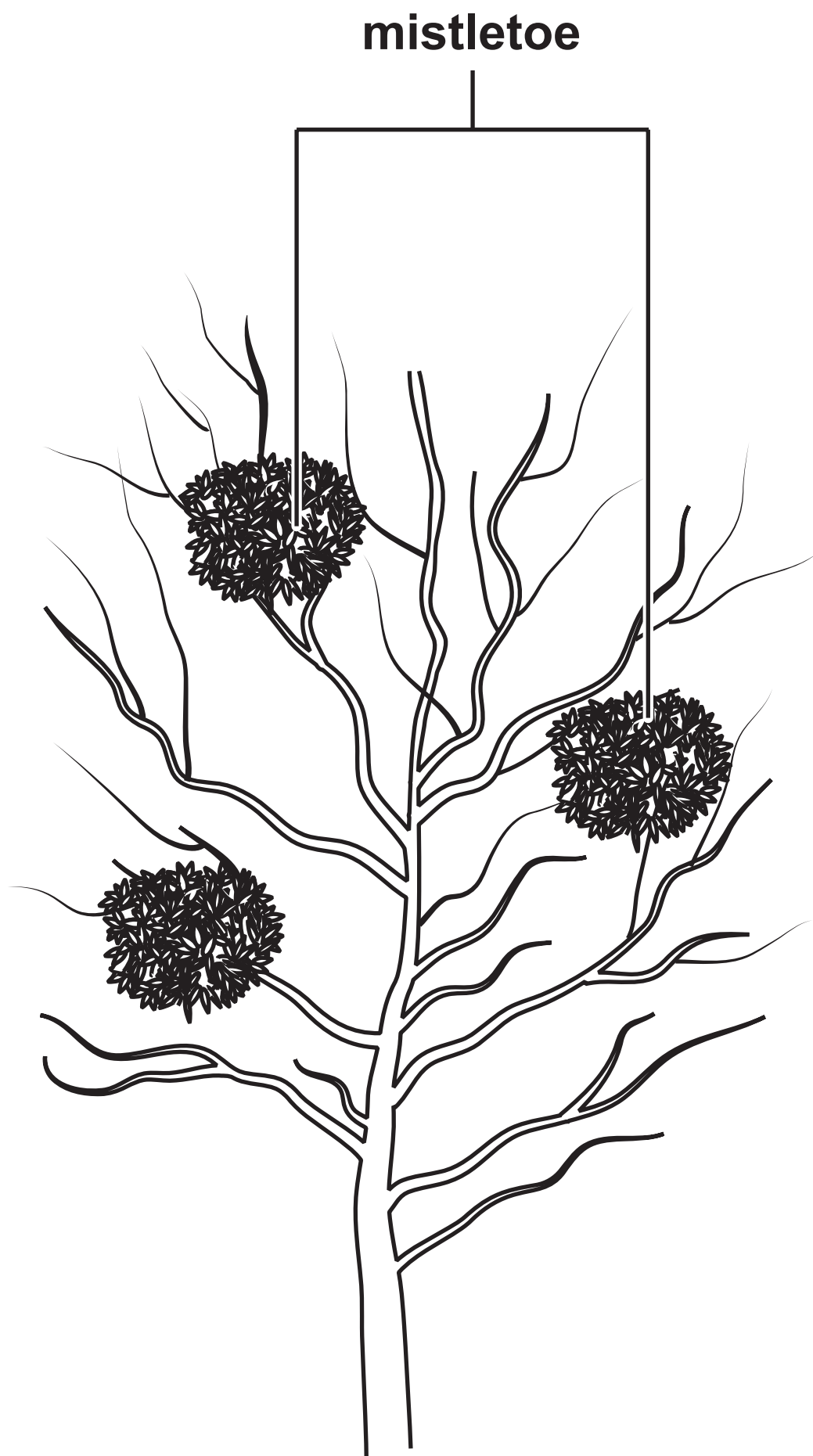


chloroplasts

Elodea cells in 10% salt solution

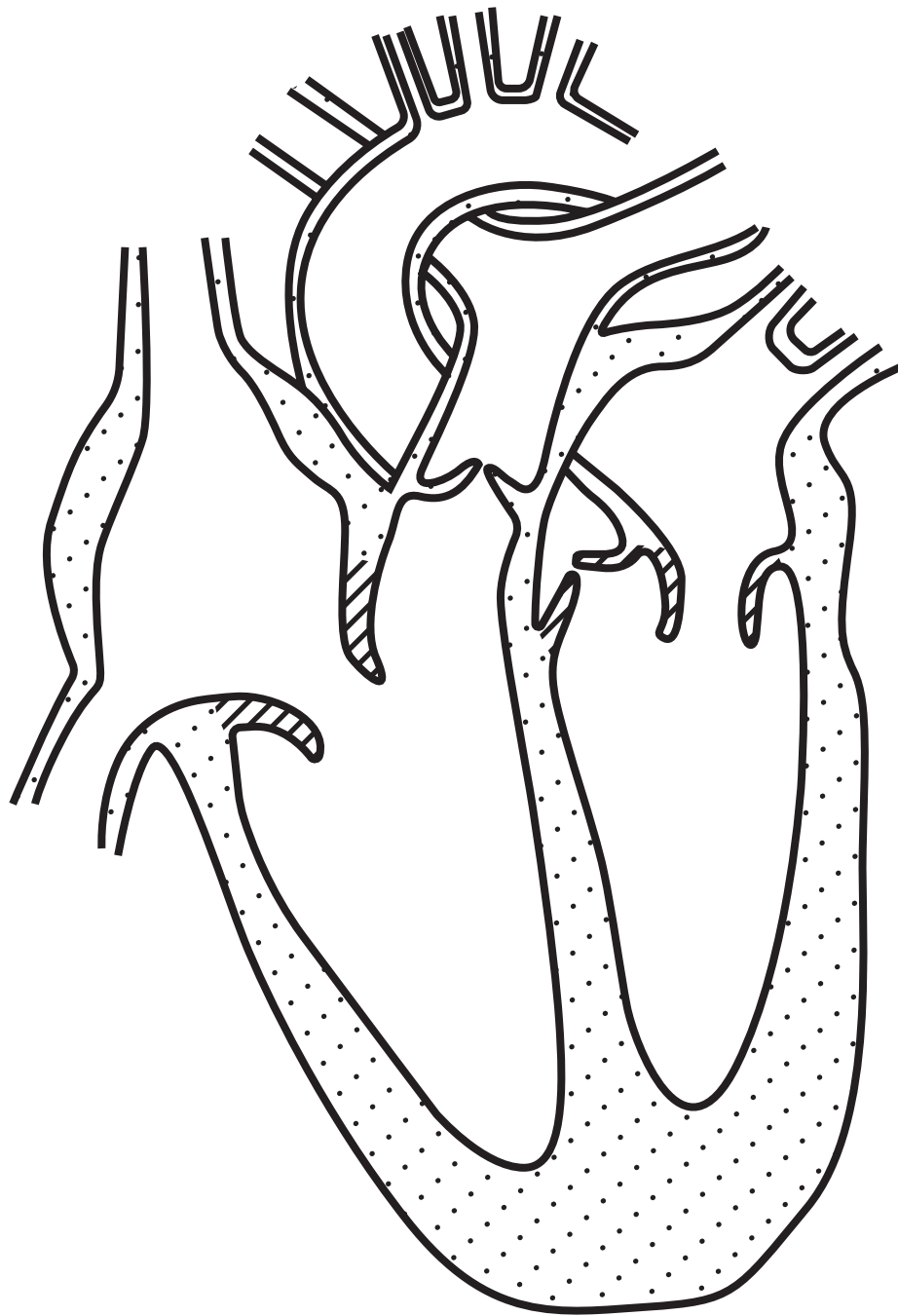


chloroplasts

**Question 3(a)(iii)****FIGURE 4**

**Question 4(b)****FIGURE 5**

<b>glucose concentration (%)</b>	<b>height of foam after 5 mins in mm</b>
<b>5</b>	<b>2</b>
<b>10</b>	<b>5</b>
<b>15</b>	<b>3</b>
<b>20</b>	<b>9</b>
<b>25</b>	<b>11</b>

**Question 5(a)****FIGURE 6**



Question 5(b)

FIGURE 7

level of activity	heart rate in beats per minute	stroke volume in cm <sup>3</sup>
at rest	68	72
during exercise	112	124

## Question 5(a)

FIGURE 6

