

Paper Reference(s) 1BI0/2H
Pearson Edexcel Level 1/Level 2 GCSE (9–1)

Biology
PAPER 2
Higher Tier

Friday 7 June 2024 – Afternoon

Time: 1 hour 45 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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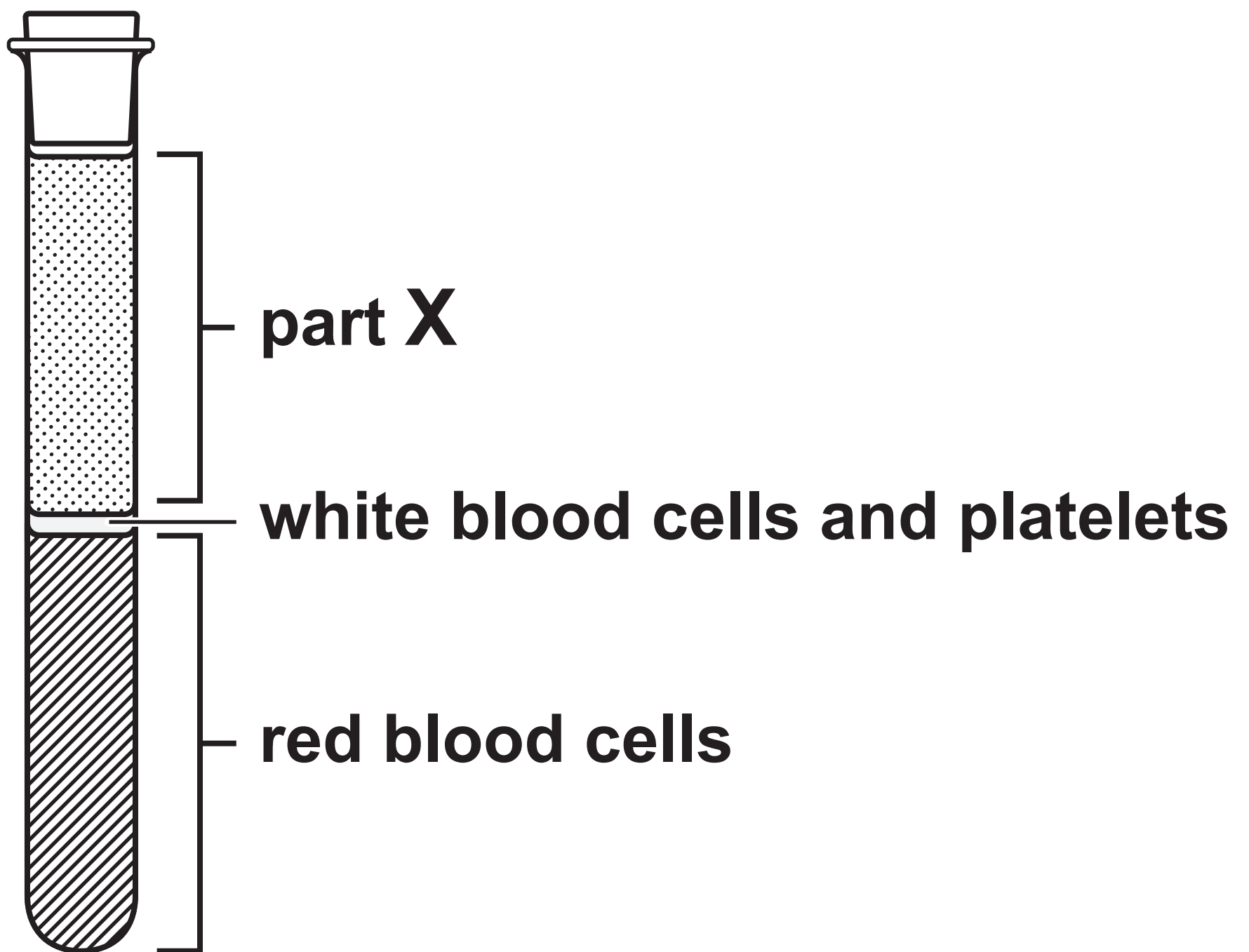
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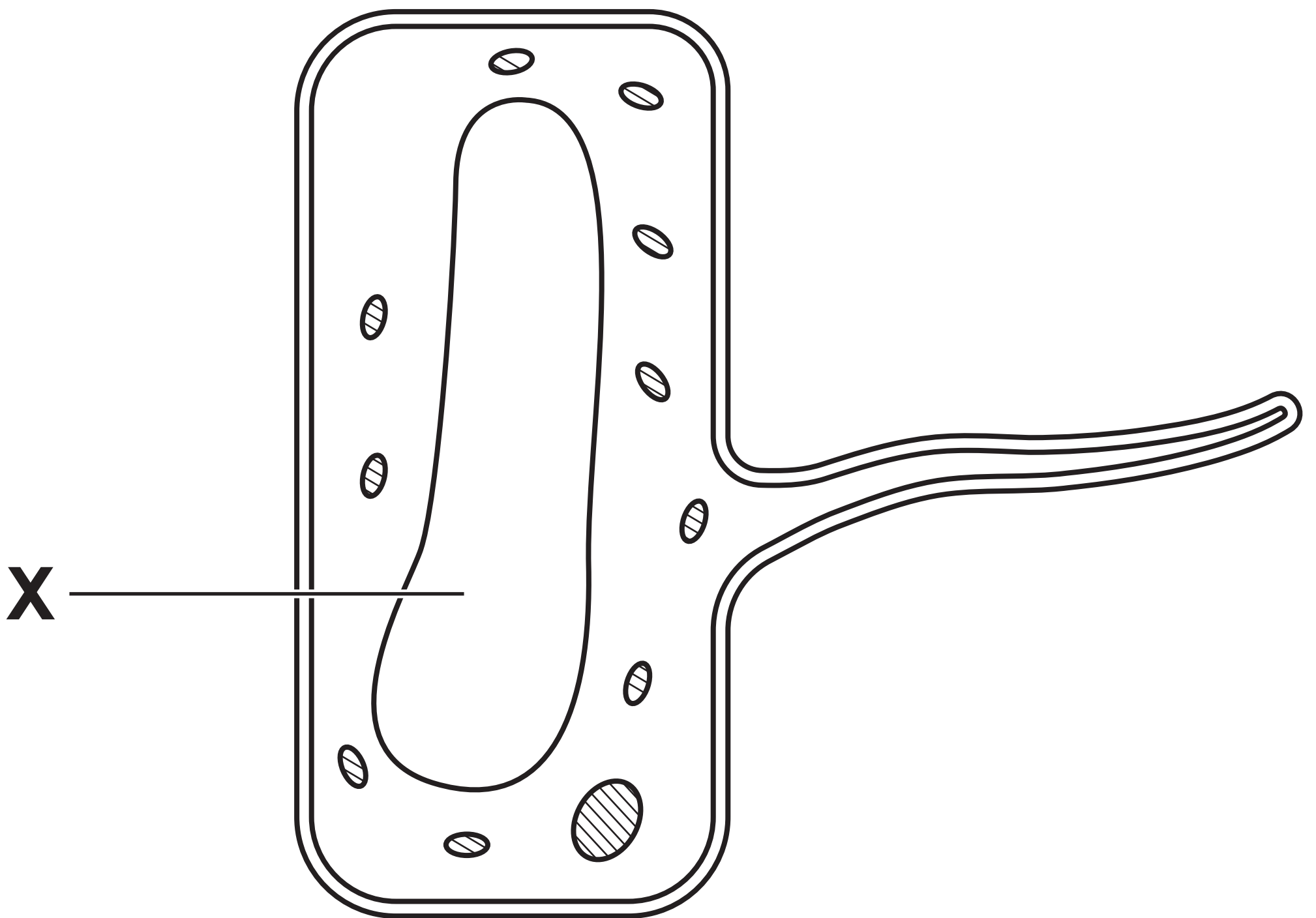
Question 2

FIGURE 1

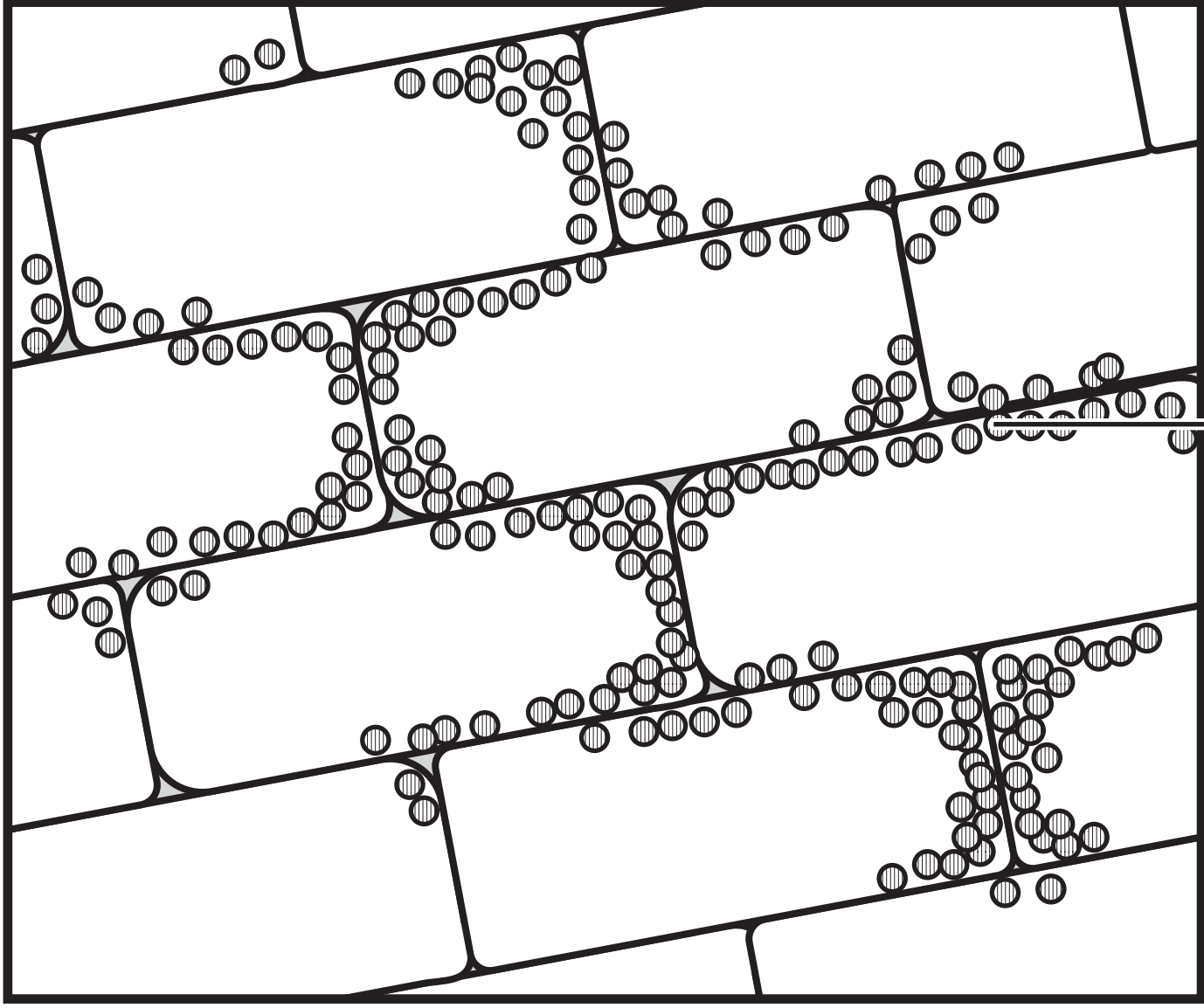


Question 3(a)

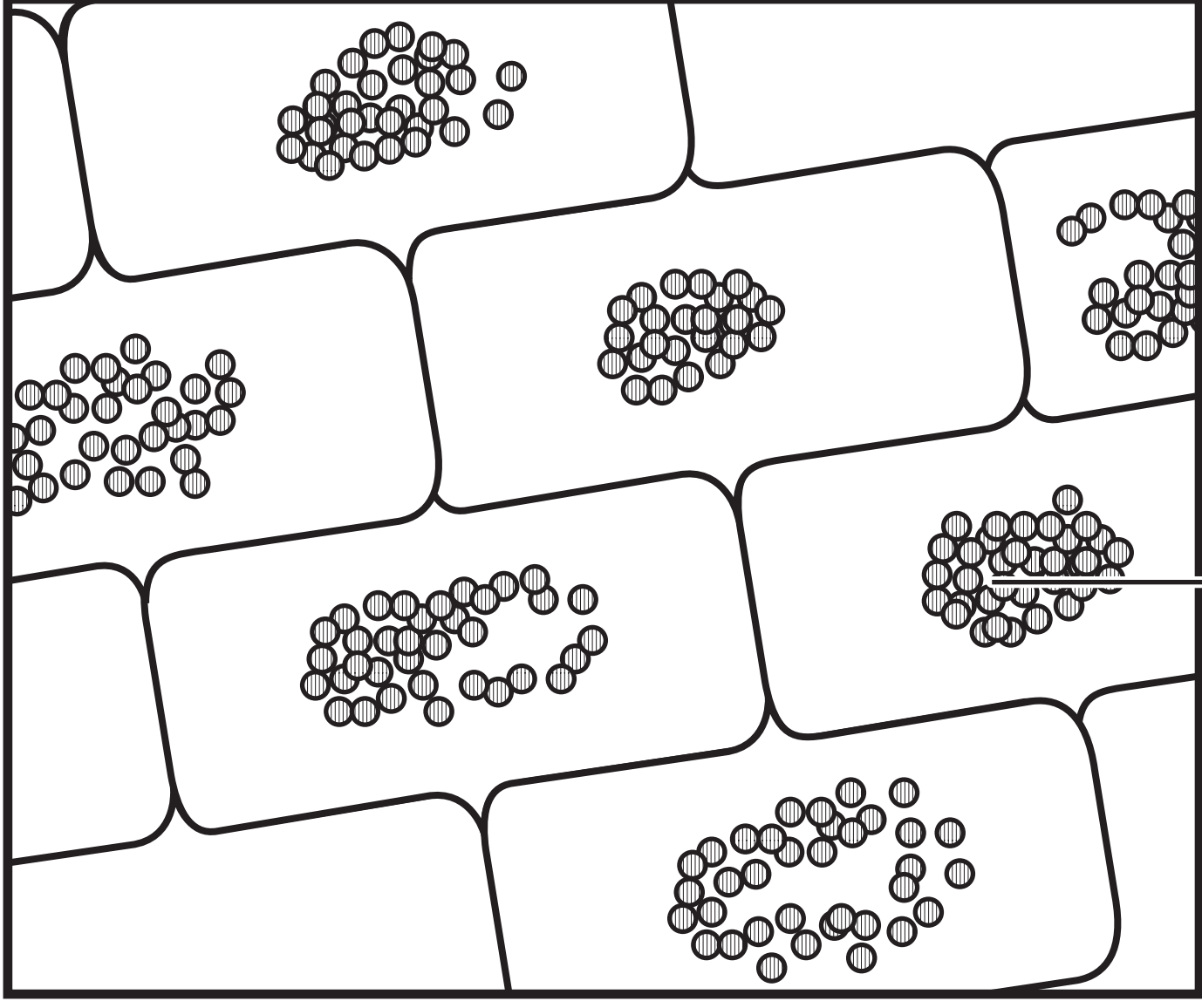
FIGURE 2



**Elodea cells in
tap water**



**Elodea cells in
10% salt solution**



chloroplasts

chloroplasts

Question 4(b)

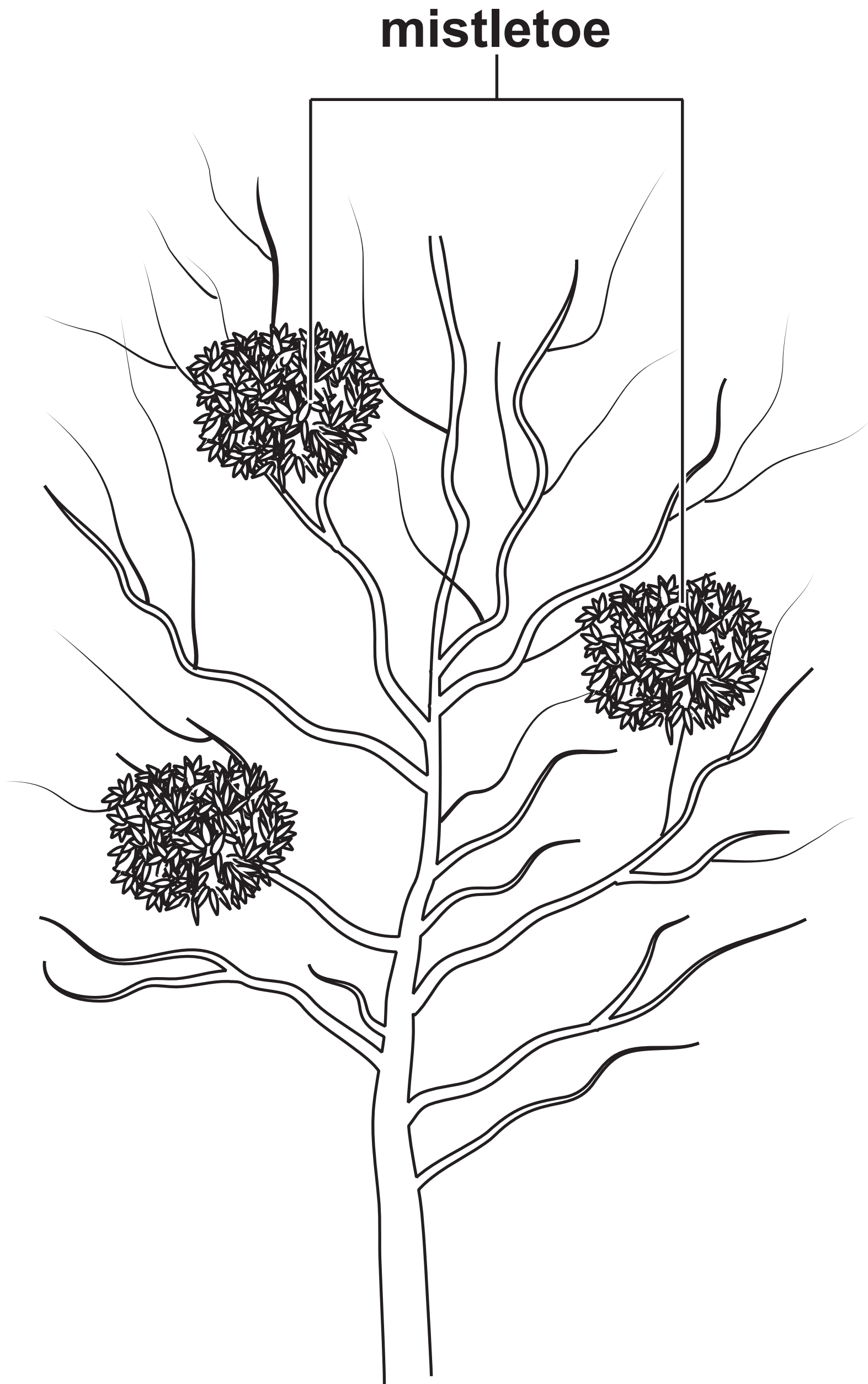
FIGURE 4

time in days	mass of leaves in grams	
	holly	oak
0	200	200
10	191	181
20	176	154
30	159	122
40	147	96
50	120	70

Question 4(e)

FIGURE 5

	mass in grams	
	at start of month	at end of month
leaves	1 600	400
snails	200	320

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

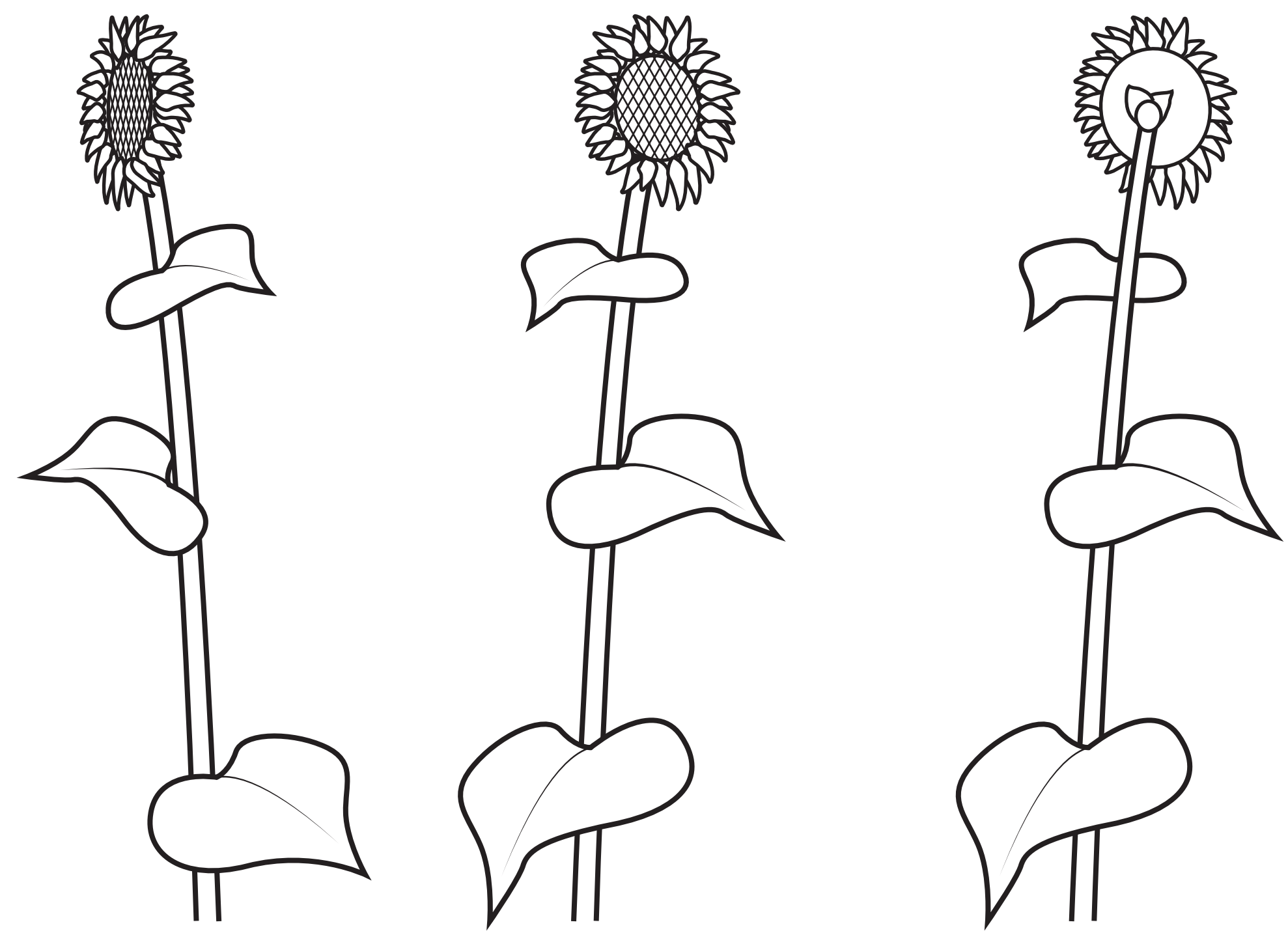
Question 6(b)

FIGURE 7

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

Question 7(b)

FIGURE 8



Question 8(a)

FIGURE 9

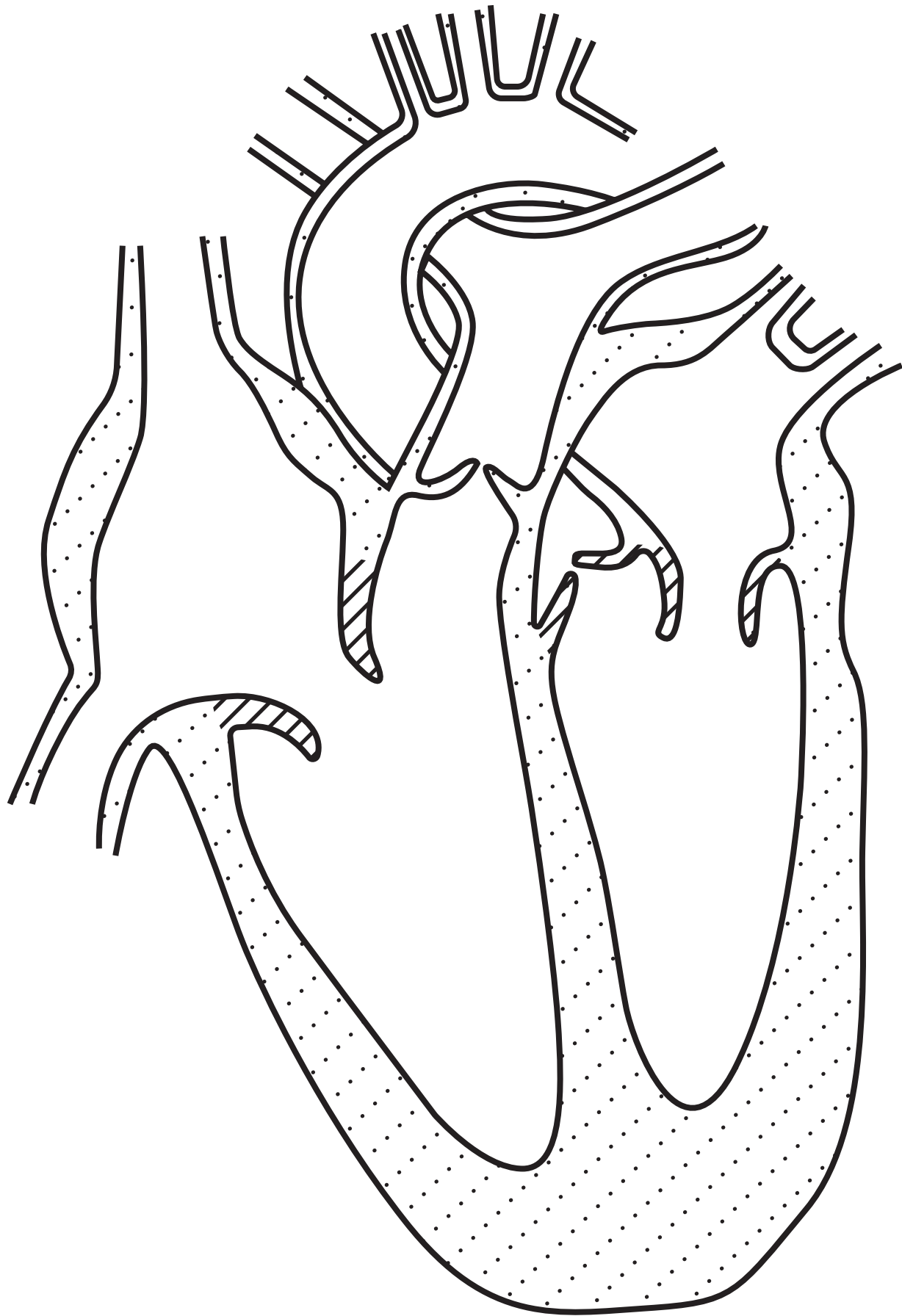
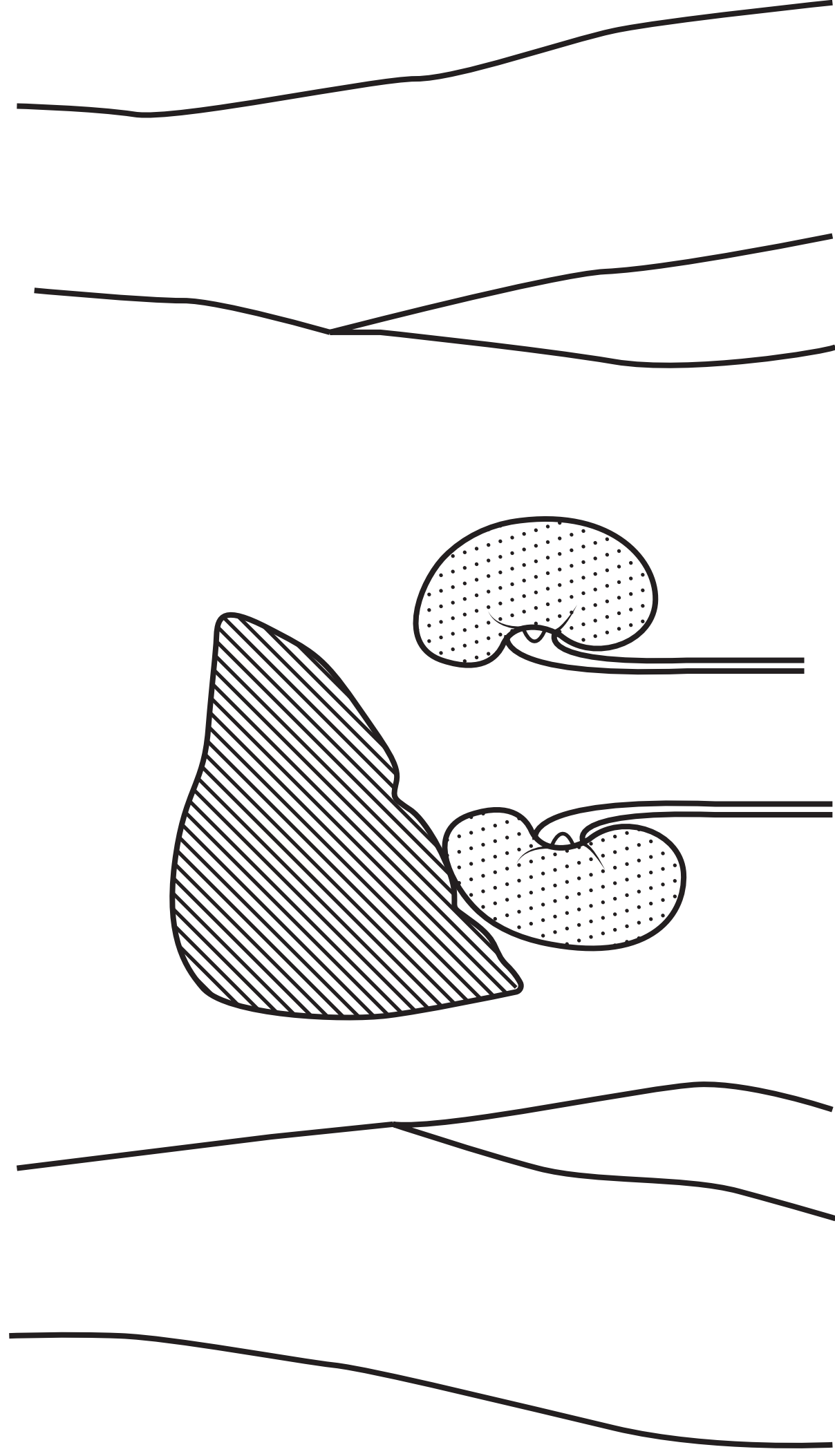


FIGURE 10

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

FIGURE 11



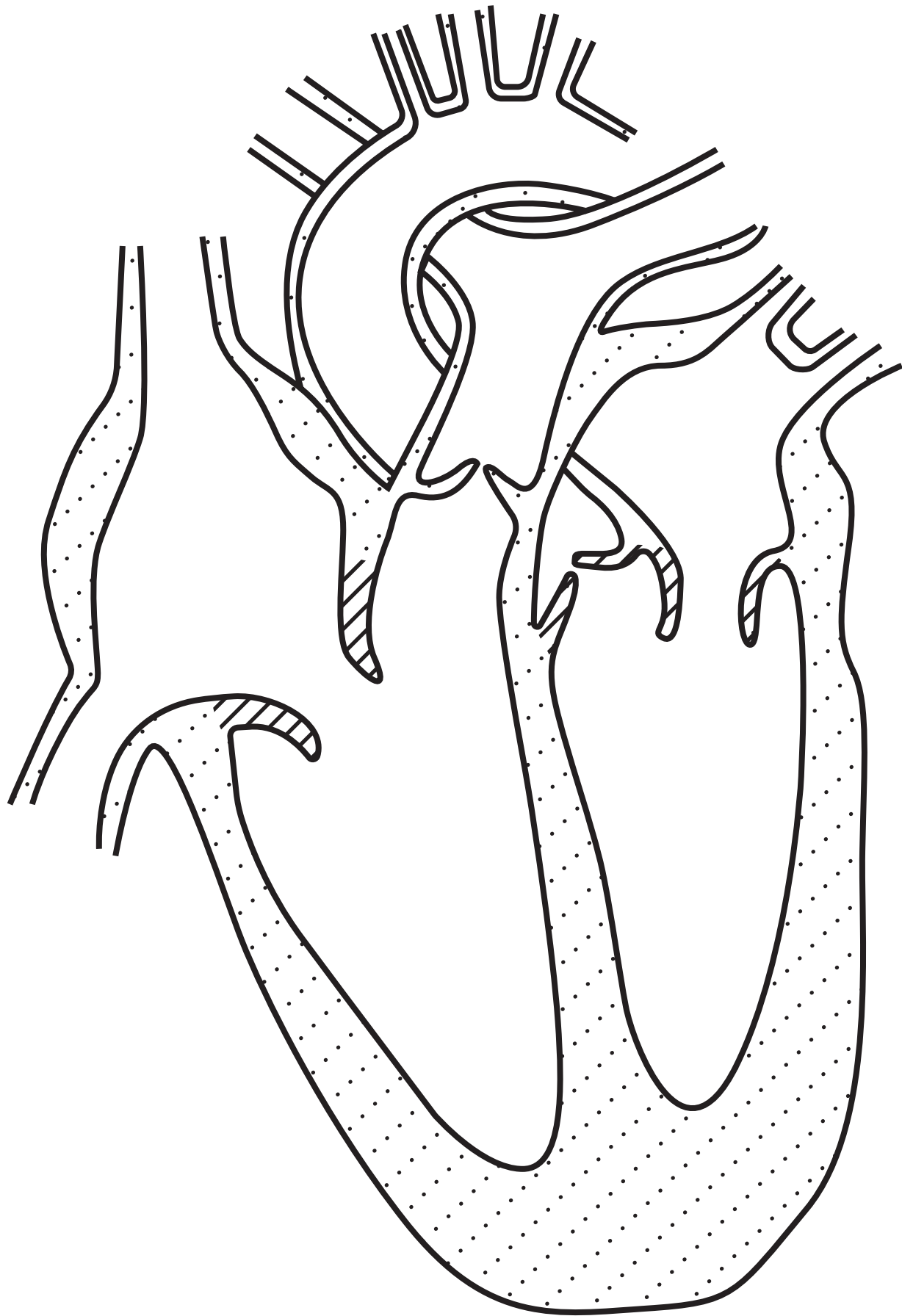
Question 10(b)

FIGURE 12

substance	concentration of substances in urine	
	person A	person B
protein	0 g per dm ³	0 g per dm ³
glucose	0 mmol per l	0·2 mmol per l
urea	28 g per dm ³	12 g per dm ³

Question 8(a)

FIGURE 9



Question 5(a)(iii)
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Question 7(b)
(Source: © yevgeniy11/Shutterstock)

Question 10(a)
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