

Combined Science
PAPER 4
Foundation Tier

Diagram Booklet

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.

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

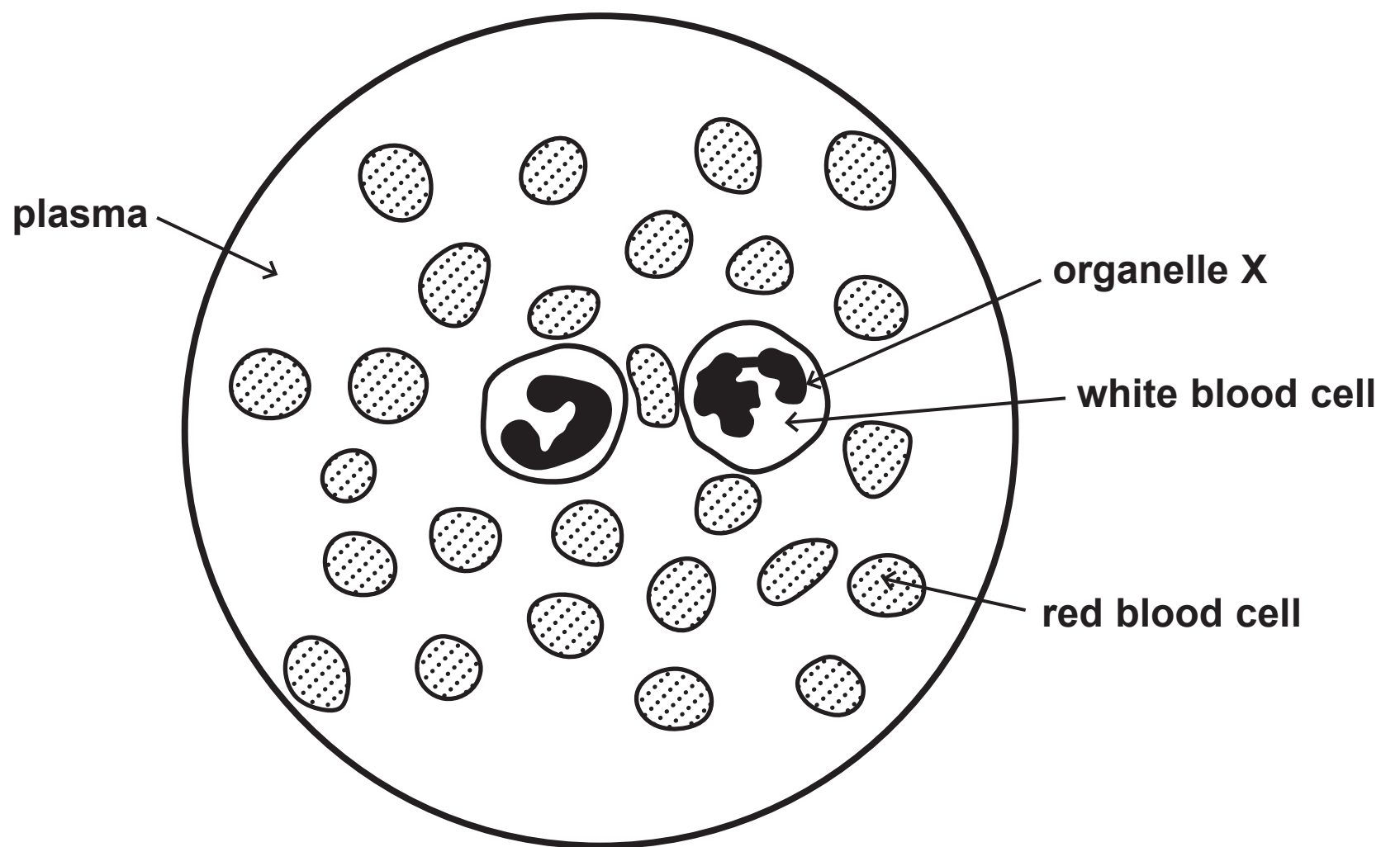
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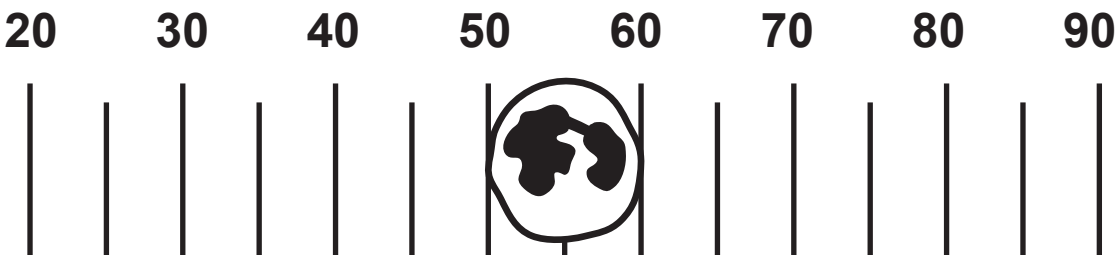
Question 1(a)(i)

Figure 1



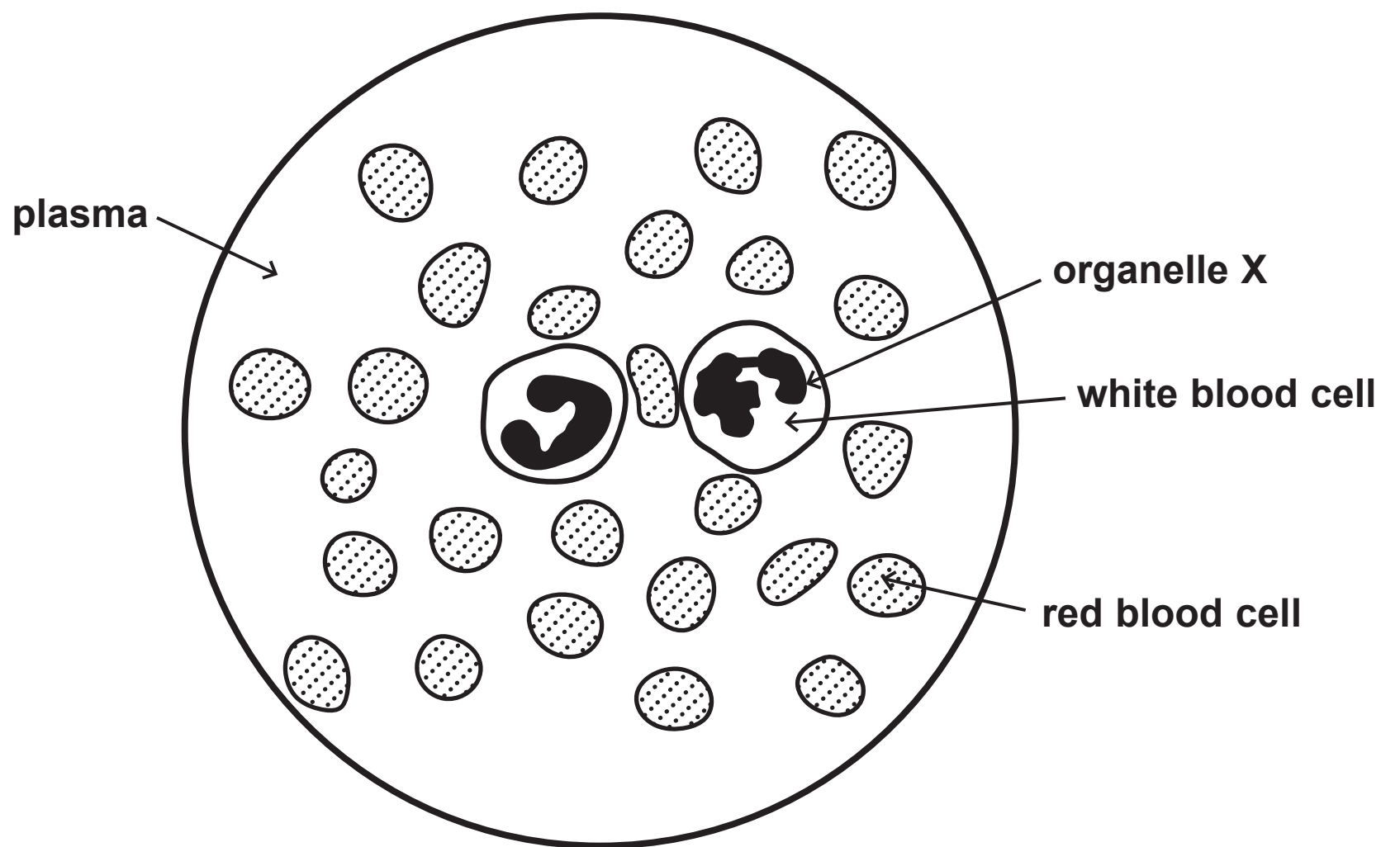
Question 1(b)

Figure 2



Question 1(c)

Figure 1



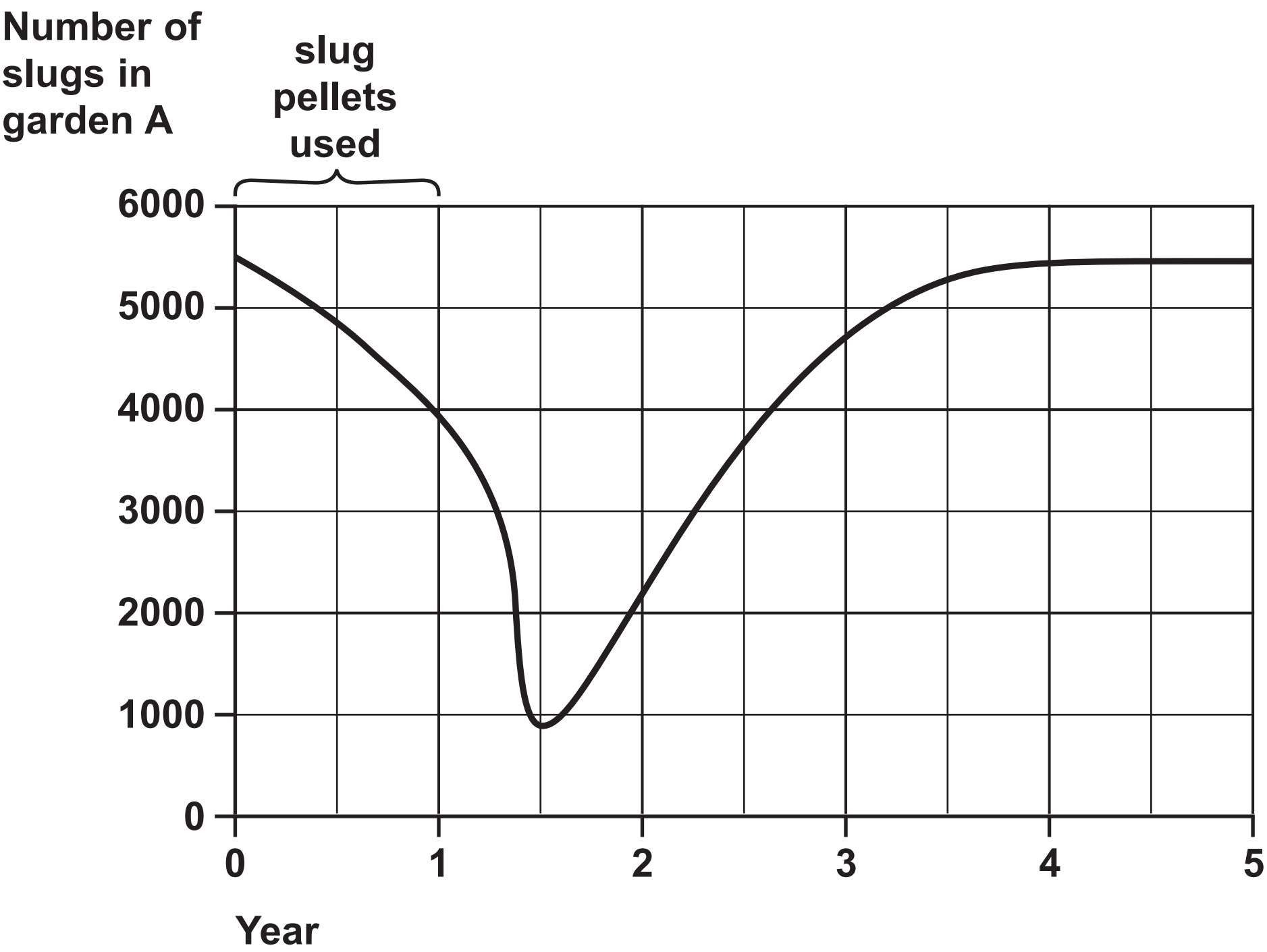
Question 2(b)

Figure 3

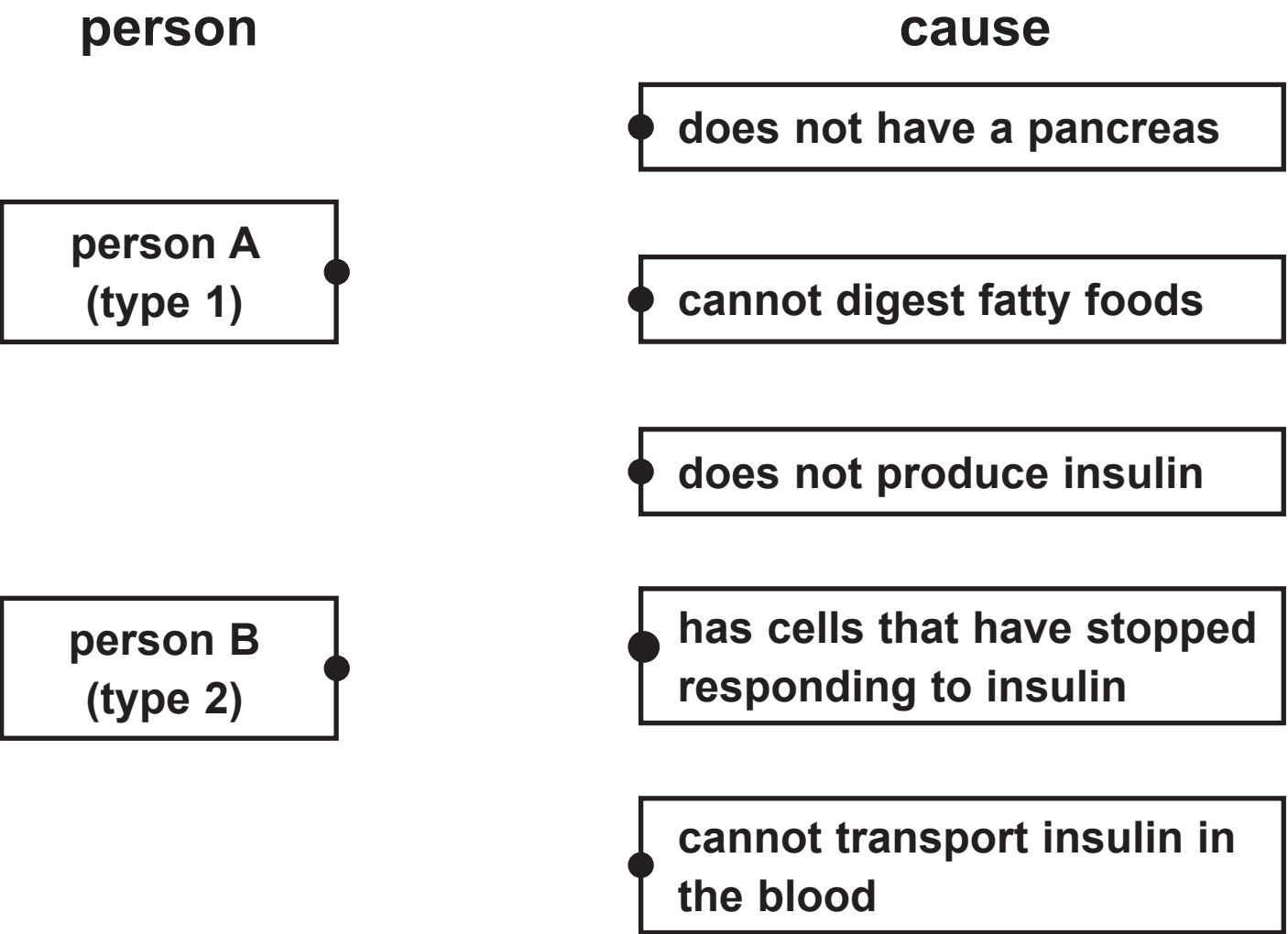


Question 2(b)(iii)

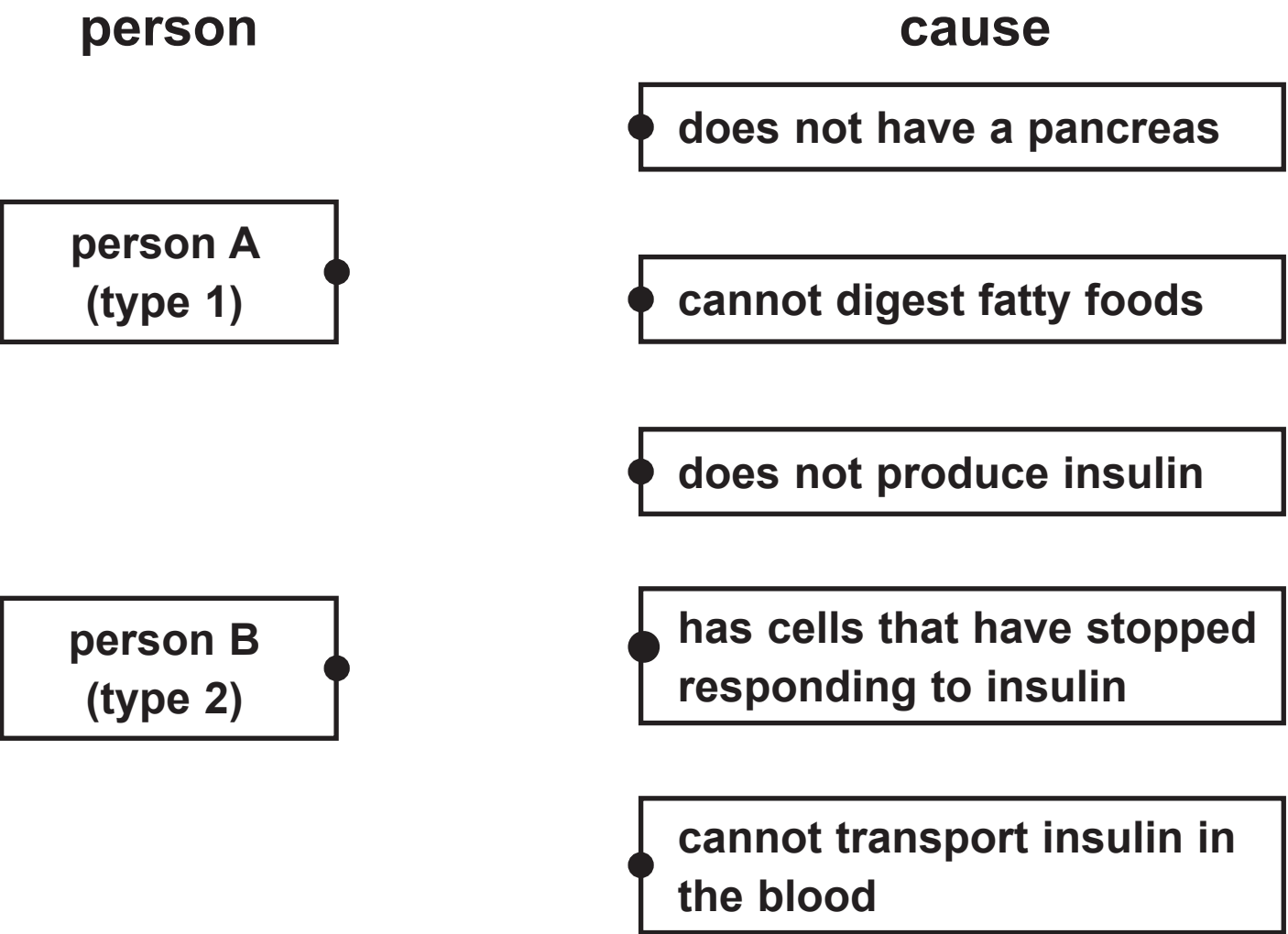
Figure 4



Question 3(b)



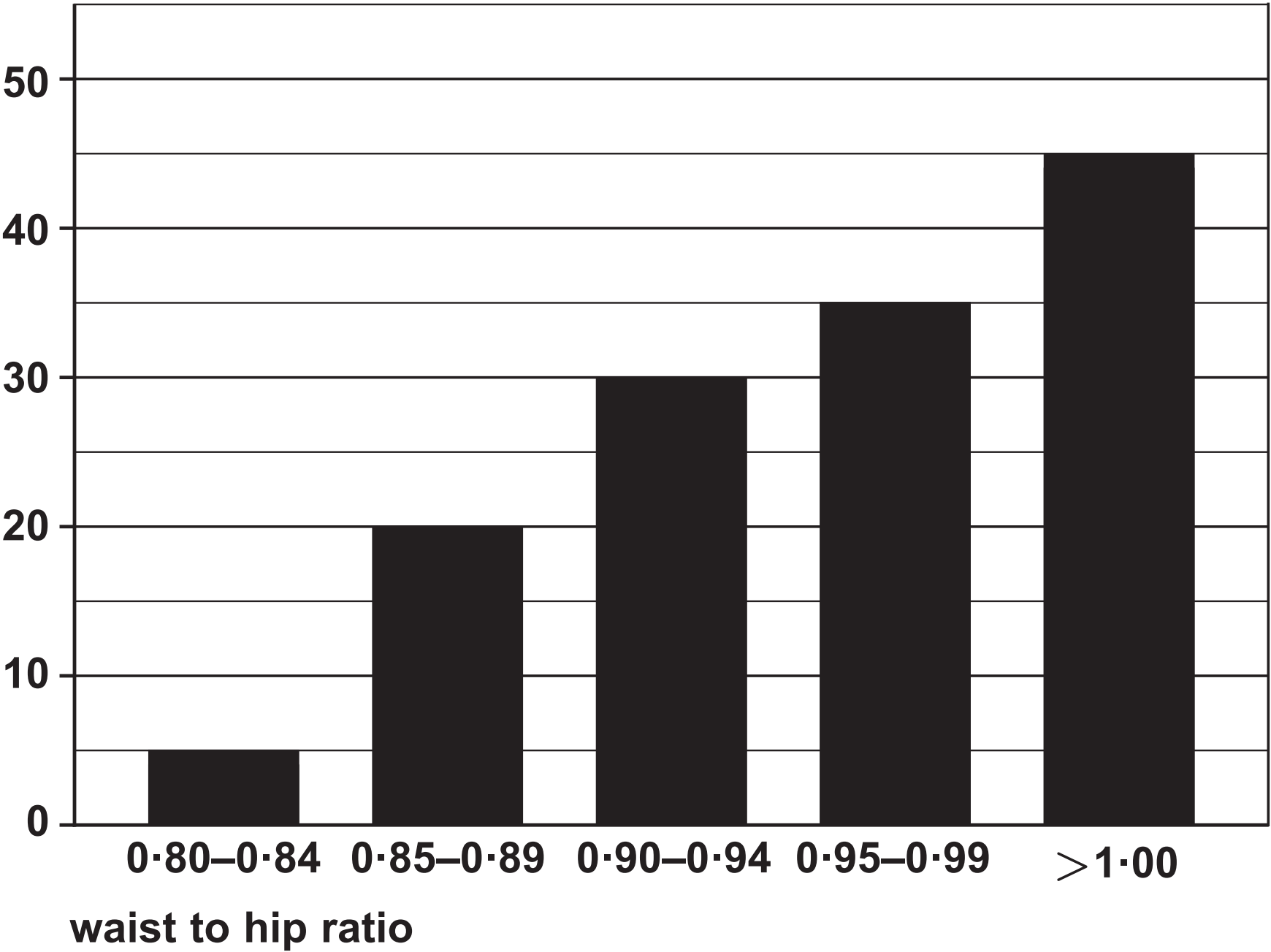
Question 3(b)



Question 3(c)

Figure 6

probability of developing
type 2 diabetes
%



Question 4(a)

Figure 7



glucose + oxygen \longrightarrow _____ + _____ (+ energy is released)

glucose + oxygen \longrightarrow _____ + _____ (+ energy is released)

Question 4(b)(ii)

Figure 8

activity	mean number of breaths per minute	mean volume of air in one breath in dm ³	mean volume of air breathed in dm ³ per minute
at rest	5·0	0·8	4·0
running at 5 metres per second	24·7	2·7	?

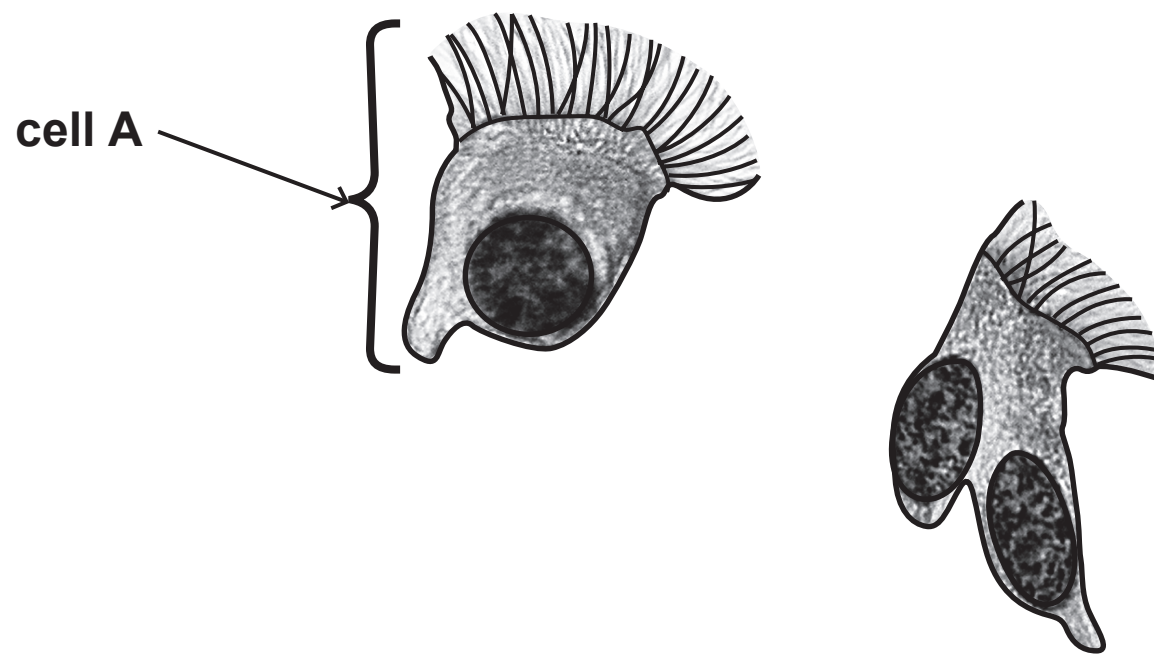
Question 5(d)

Figure 10

area of woodland	mean light intensity in lux	mean number of small plants per m ²
A	1500	2·7
B	1300	1·6
C	1000	1·1
D	800	0·6
E	550	0·3
F	350	0·1

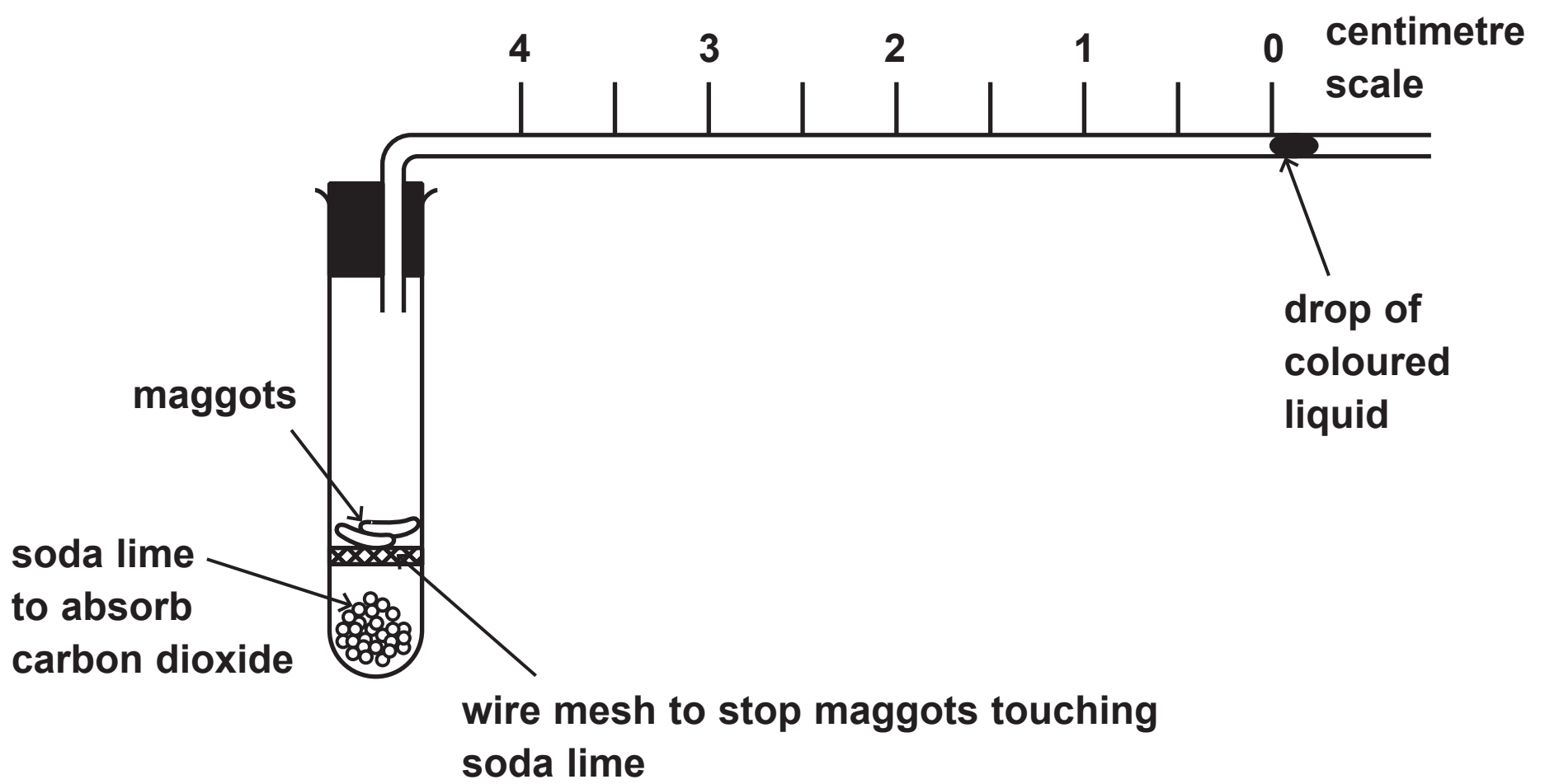
Question 6(a)

Figure 11



Question 6(b)

Figure 12



Question 6(b)

Figure 13

