

Paper Reference(s) 4BI1/2B
Pearson Edexcel International GCSE (9–1)

Biology
UNIT: 4BI1
PAPER: 2B

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.

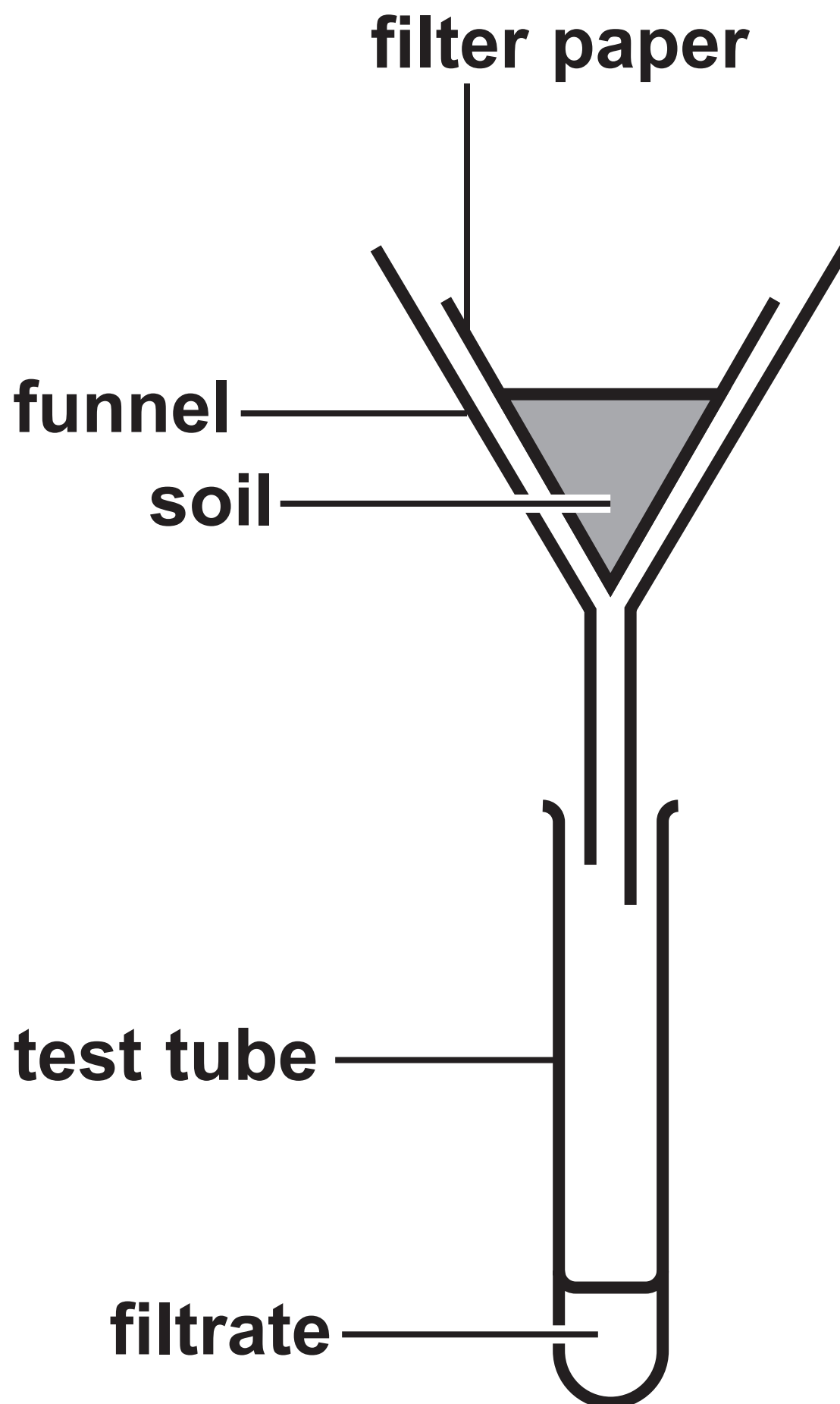
**THIS DIAGRAM BOOKLET MUST BE
RETURNED WITH THE QUESTION PAPER
AT THE END OF THE EXAMINATION.**

Contents

Page

4	Question 2 Diagram
5	Question 2 Table
6	Question 3
7	Question 3(c)
8	Question 4(a)
9	Question 4(b) Diagram
10	Question 4(b) Table
11	Question 5
12	Question 5(a)
13	Question 5(b)
14	Question 6(b)(i)
15	Question 6(b)(i) (Spare copy)

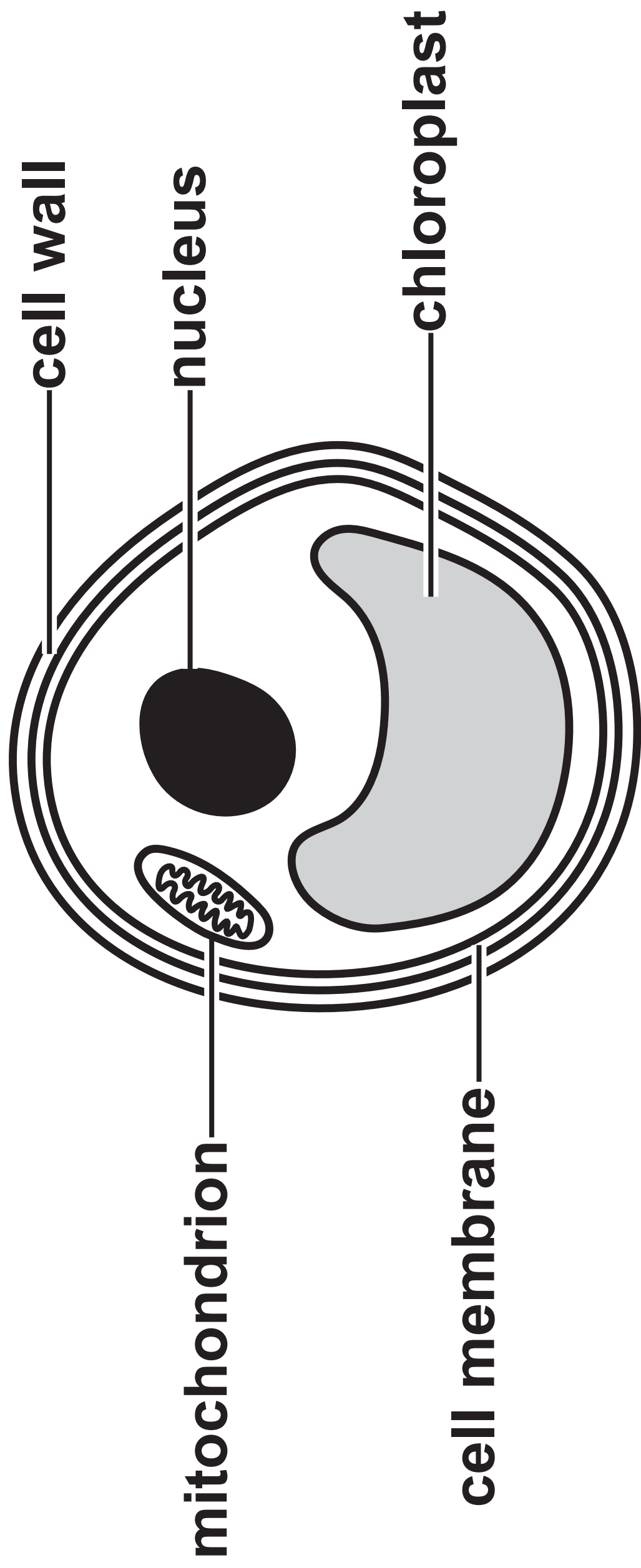
Question 2



Question 2

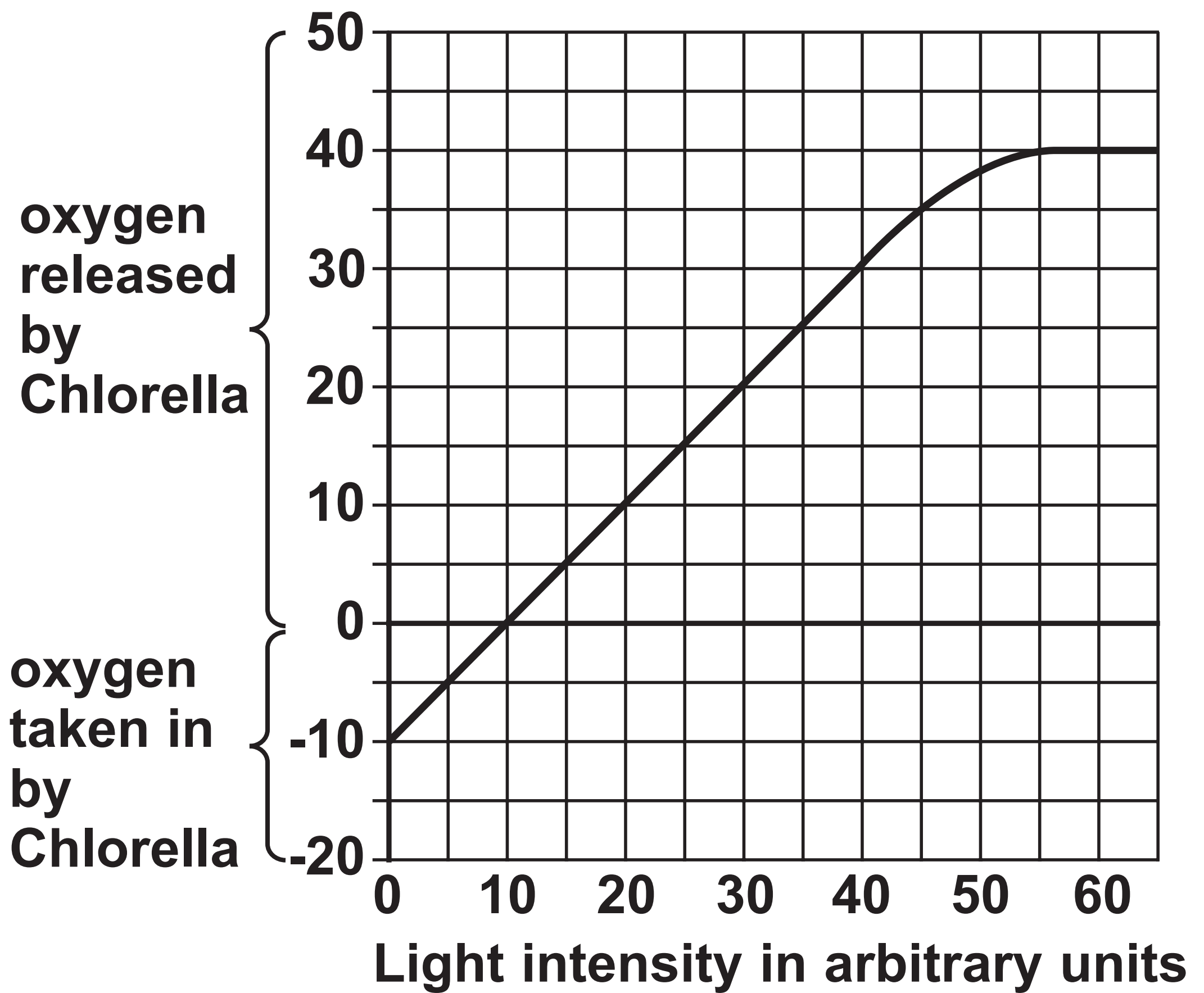
Result of test for nitrates			
Soil sample	At start of investigation	After water has passed through for five minutes	Three days after adding ammonium salts
	unsterilised	present	absent
	sterilised	present	absent

Question 3

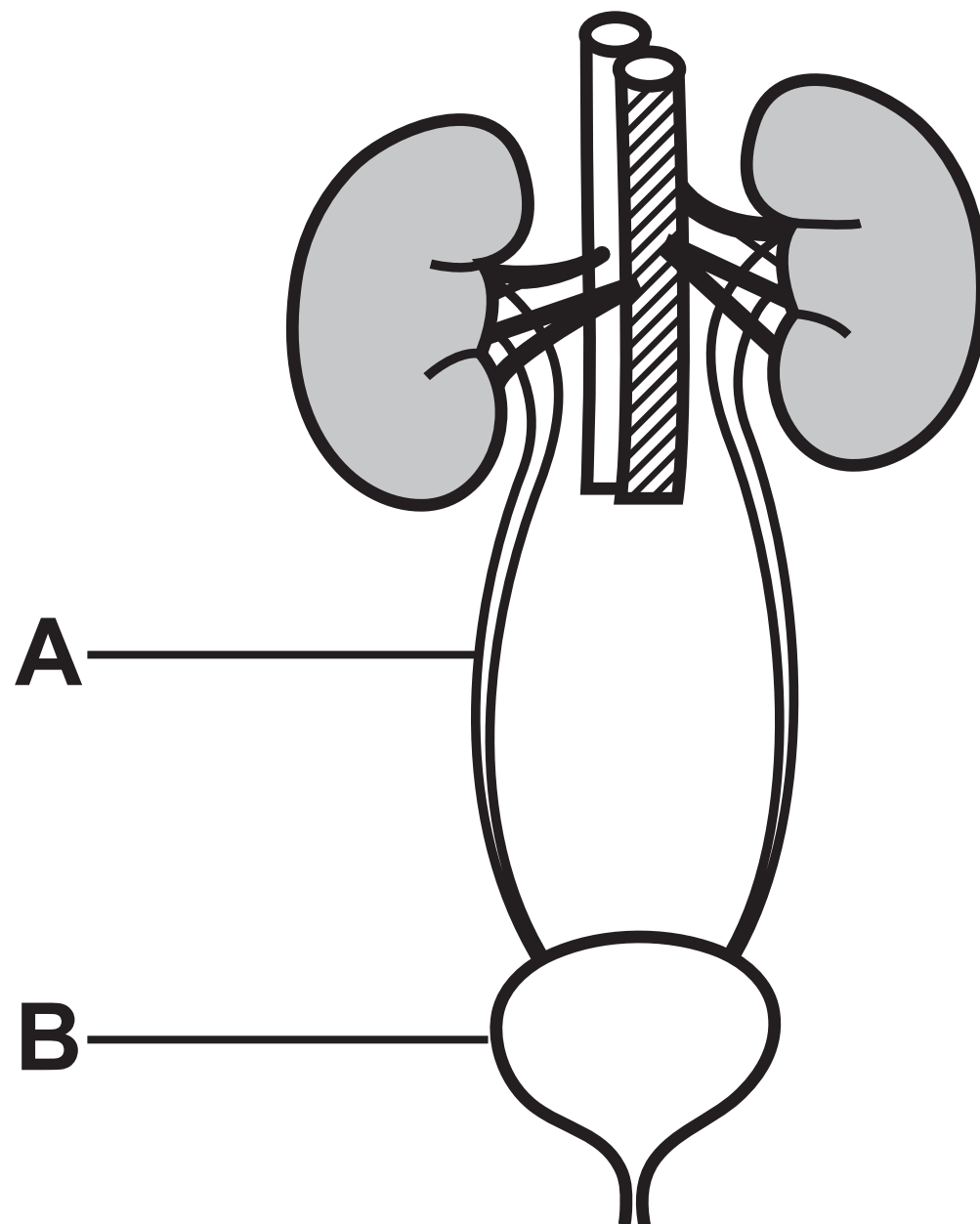


Question 3(c)

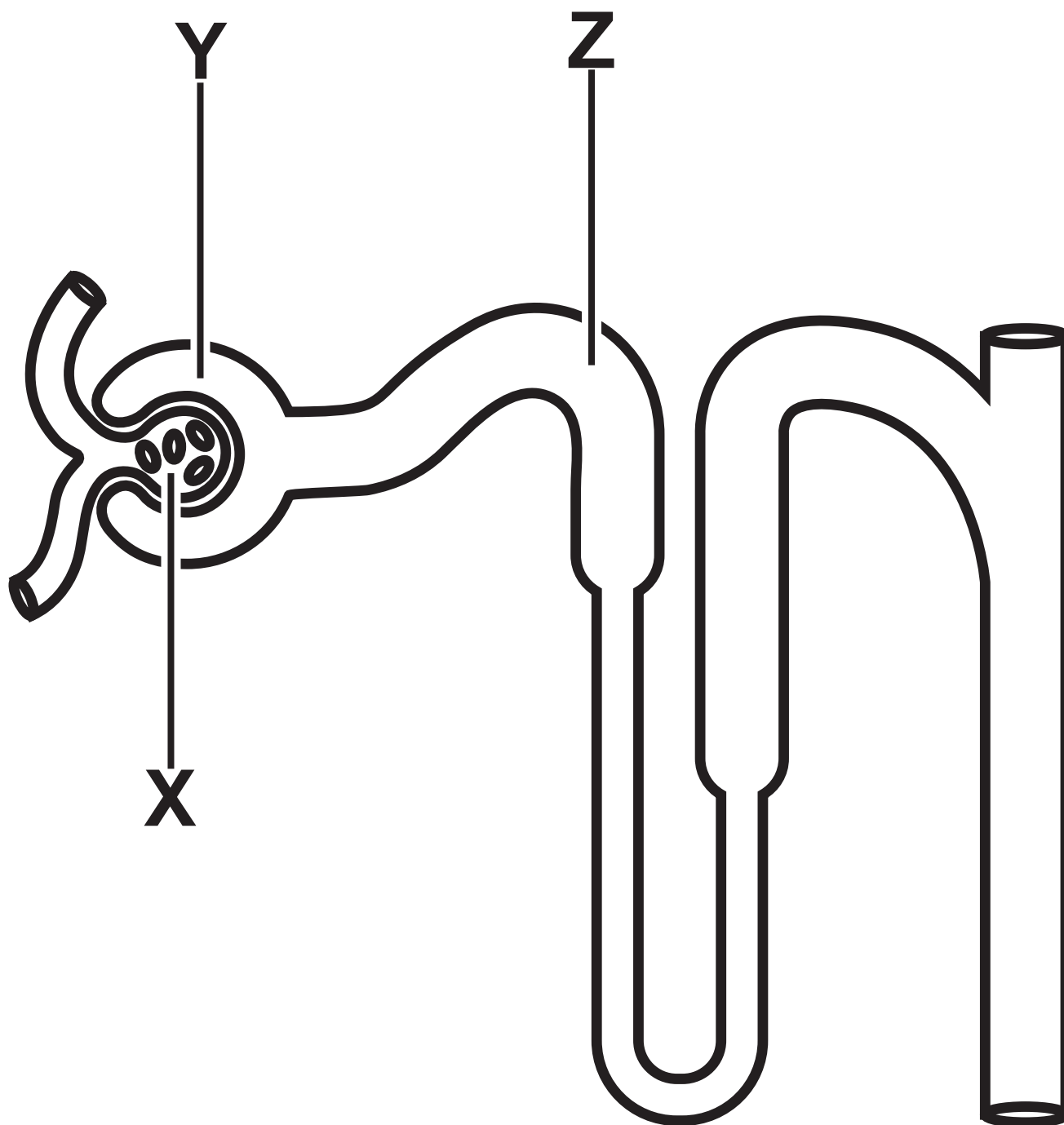
Volume of oxygen exchanged
in 5 minutes in mm^3



Question 4(a)



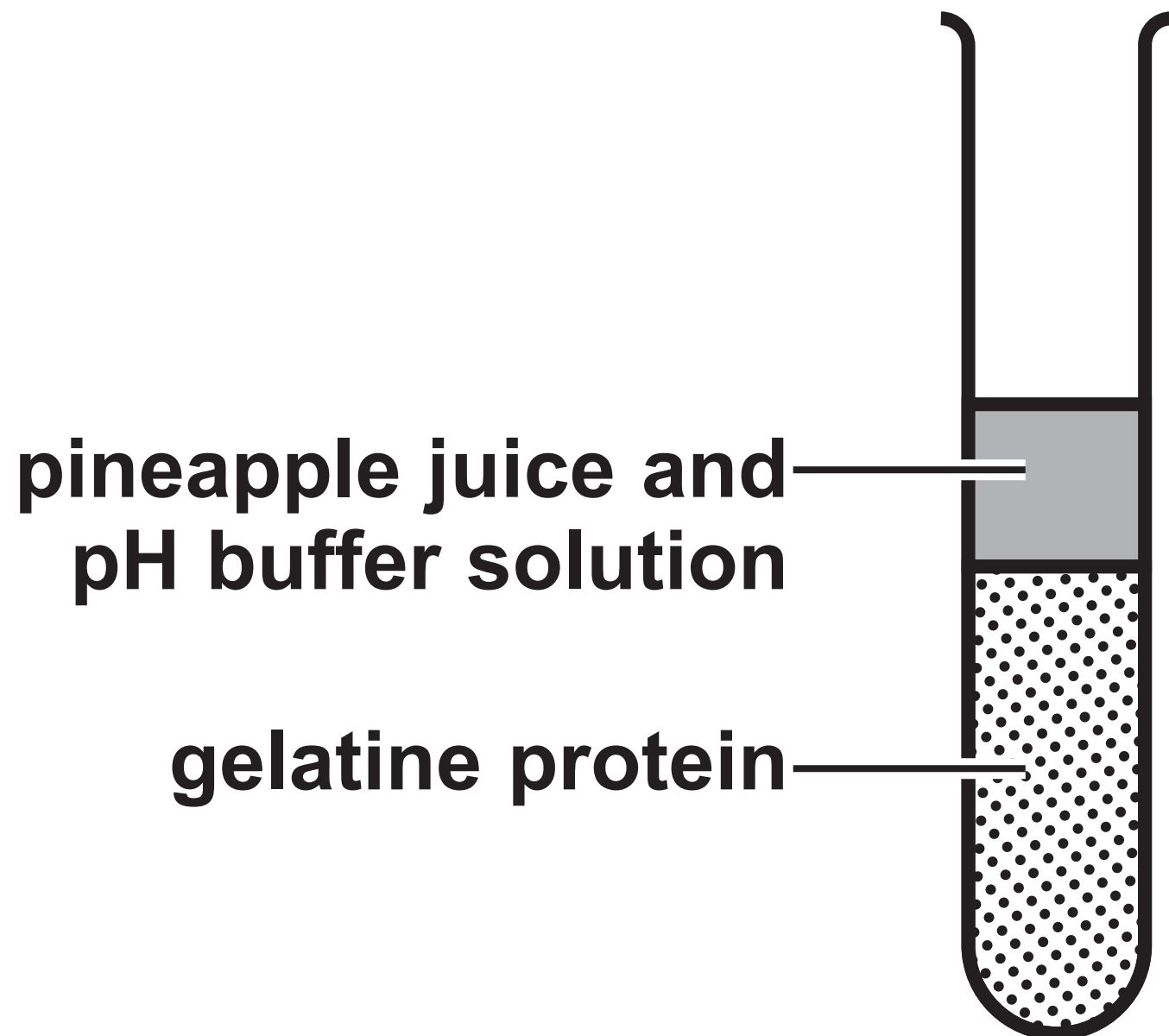
Question 4(b)



Question 4(b)

Substance	Relative concentration of substance in arbitrary units		
	Area X	Area Y	Area Z
protein	100	0	0
glucose	100	50	0

Question 5



Question 5(a)

Tube number	Volume of gelatine digested in cm³
1	0.55
2	1.89
3	0.54
4	0.61

Question 5(b)

pH	Mean volume of gelatine digested in cm³
3	0.32
5	0.98
7	0.51
9	0.33
11	0.01

14 Question 6(b)(i)

Question 6(b)(i)

[illegible]

Question 6(b)(i)

[illegible]

Question 4(a)
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