

**Paper Reference(s) 4BI1/1B 4SD0/1B
Pearson Edexcel International GCSE**

Biology

UNIT: 4BI1

Science (Double Award) 4BI1/4SD0

PAPER: 1B

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.

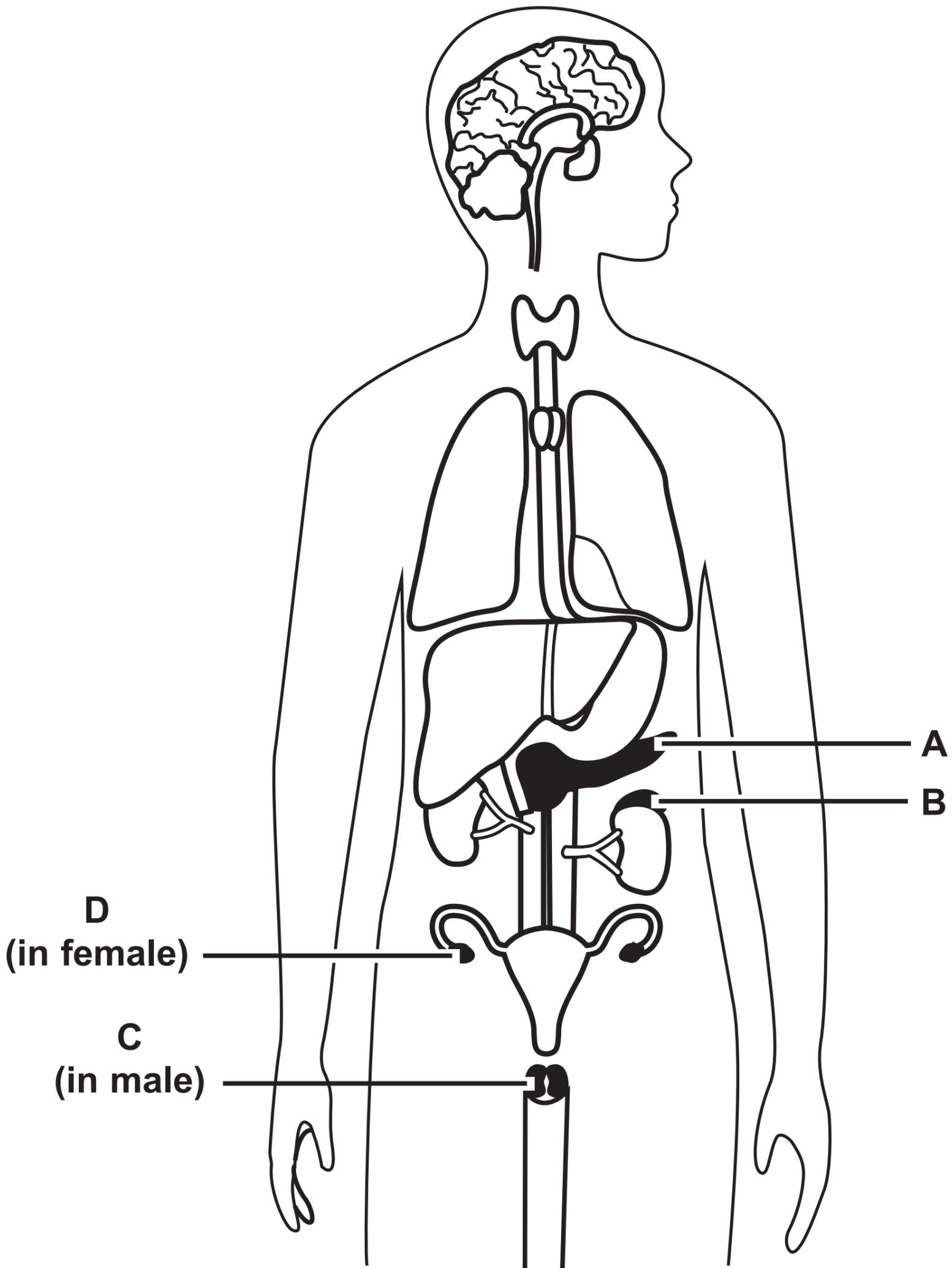
THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.

Contents

Page

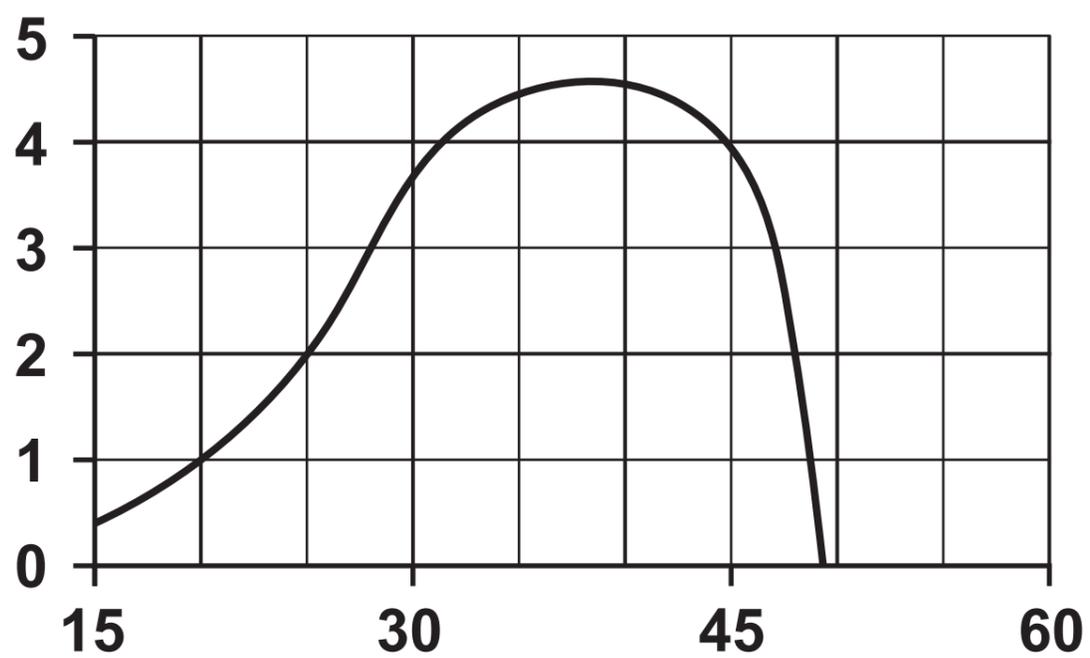
4	Question 1(a)
5	Question 2(b)
6	Question 3(a)
7	Question 4
8	Question 5(a)
9	Question 5(b)
10	Question 5(b)
11	Question 6
12	Question 7(a)
13	Question 7(c)
14	Question 9(b)(i)
15	Question 9(b)(i) (Spare copy)

Question 1(a)



Question 2(b)

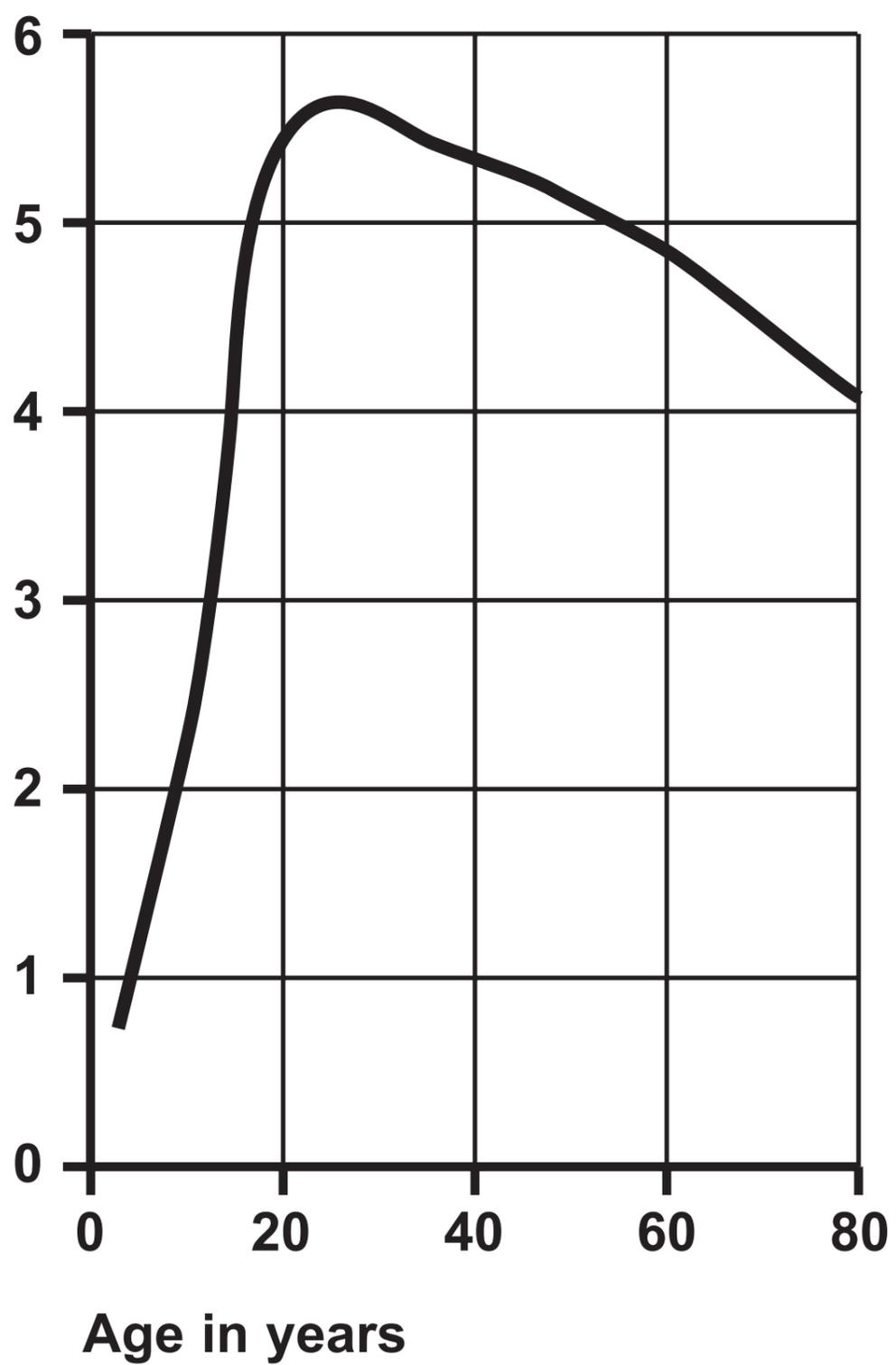
Rate of gas
produced in cm^3
per minute



Temperature in $^{\circ}\text{C}$

Question 3(a)

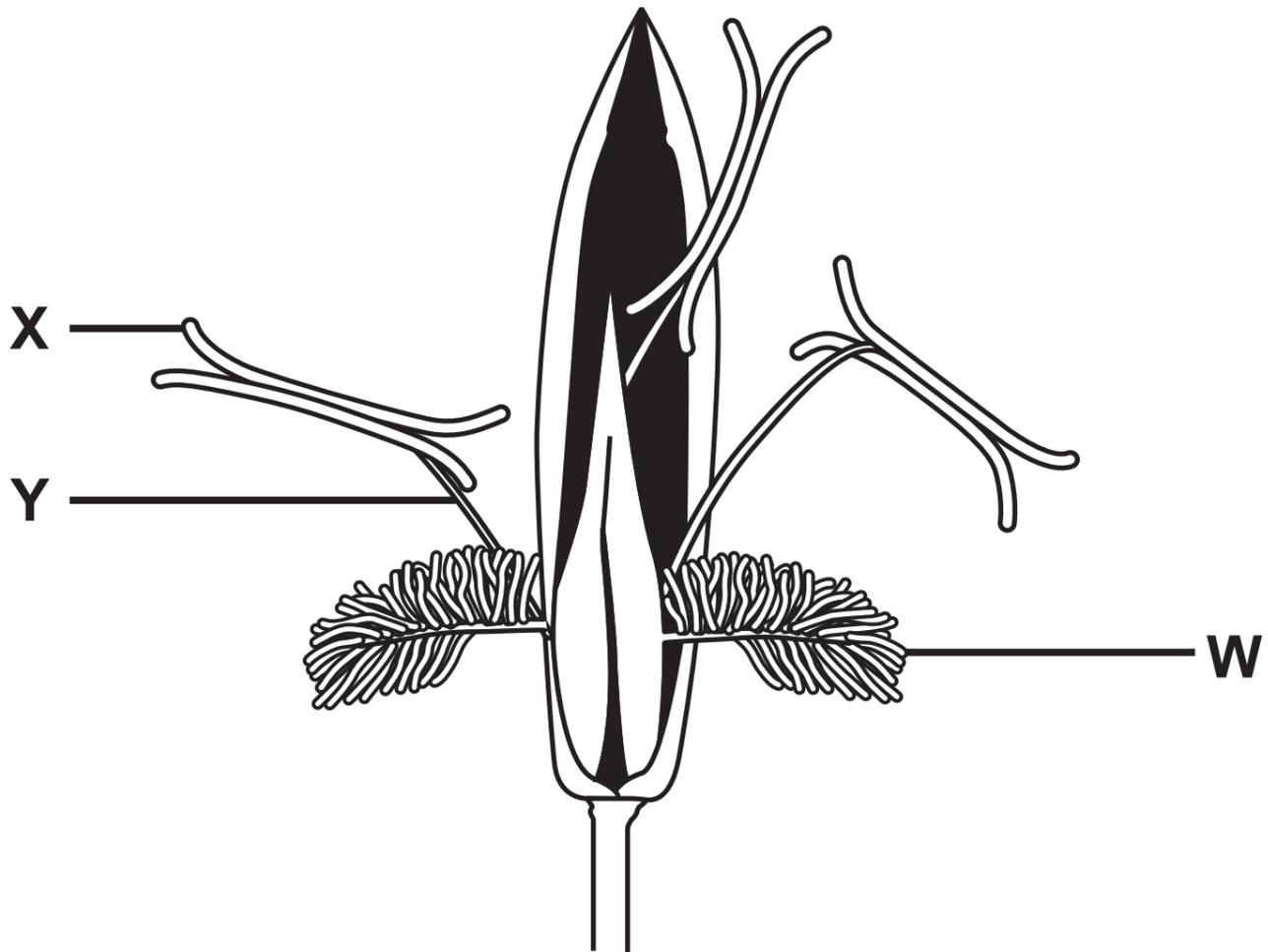
Median vital
capacity
in litres



Question 4

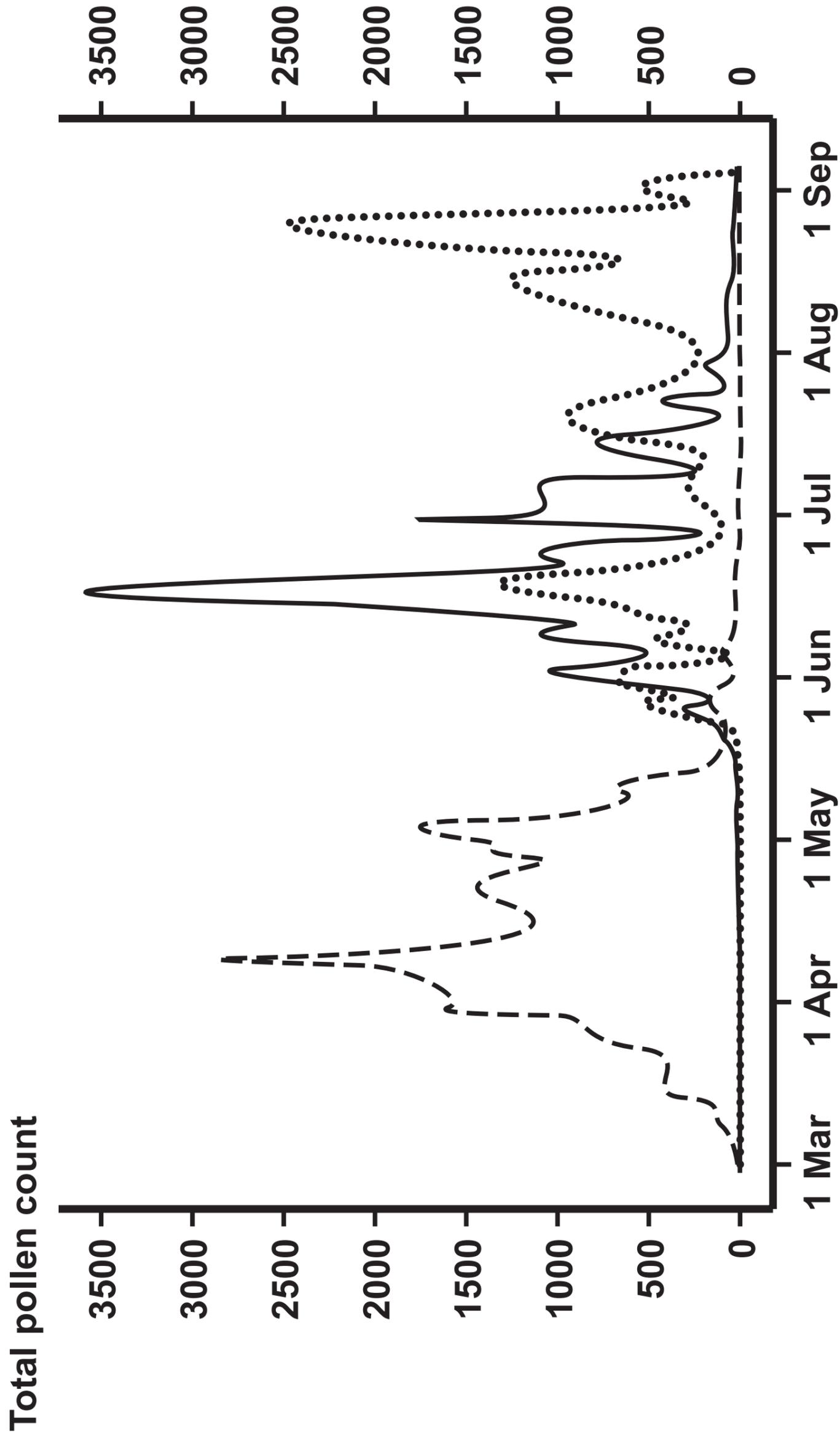
Trophic level	Mean number of organisms	Mean dry mass in g
producer	592	821·0
primary consumer	68	37·0
secondary consumer	35	10·60
tertiary consumer	3	2·40

Question 5



Question 5(b)

- tree
- weed
- grass

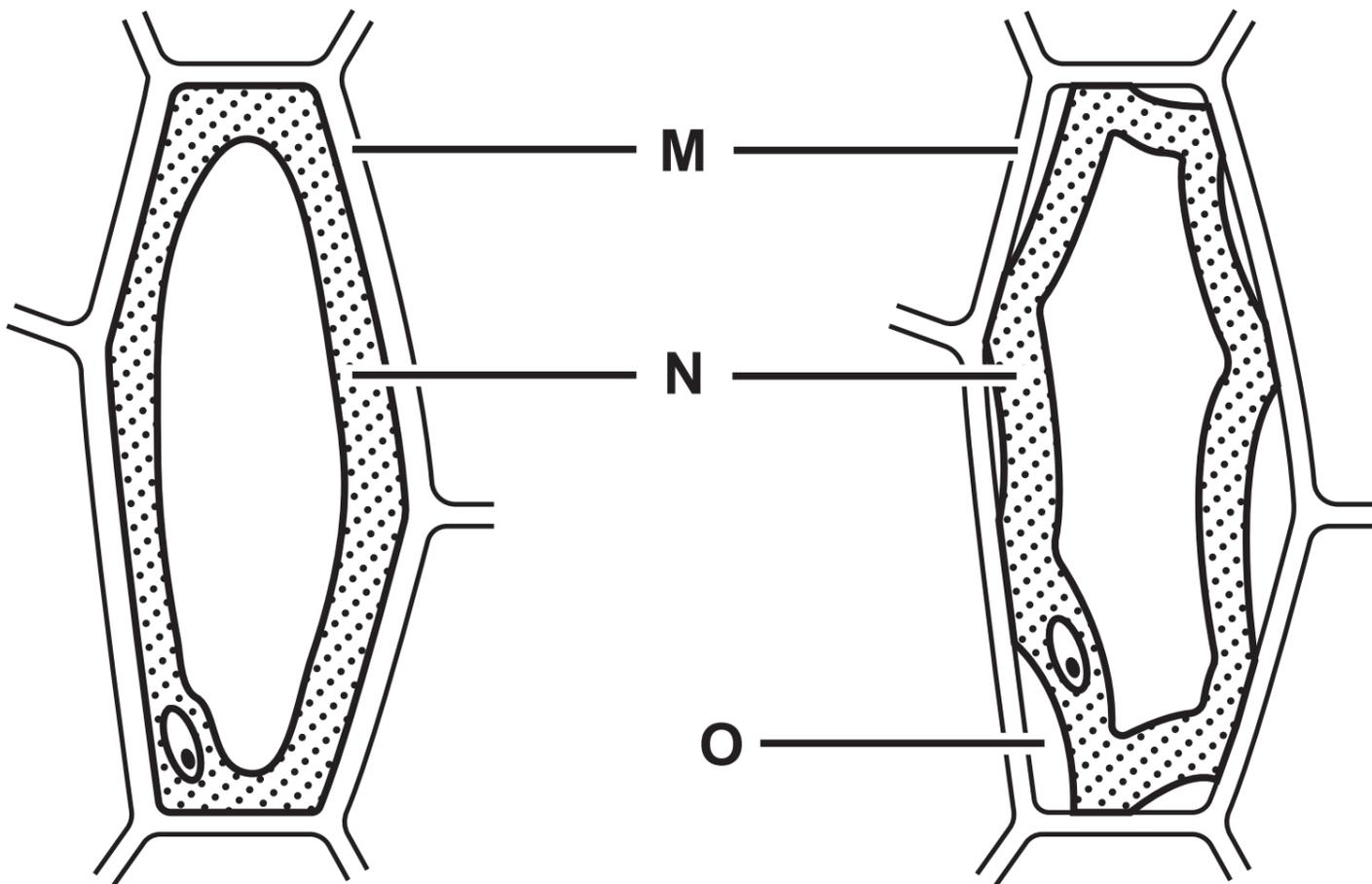


Question 5(b)

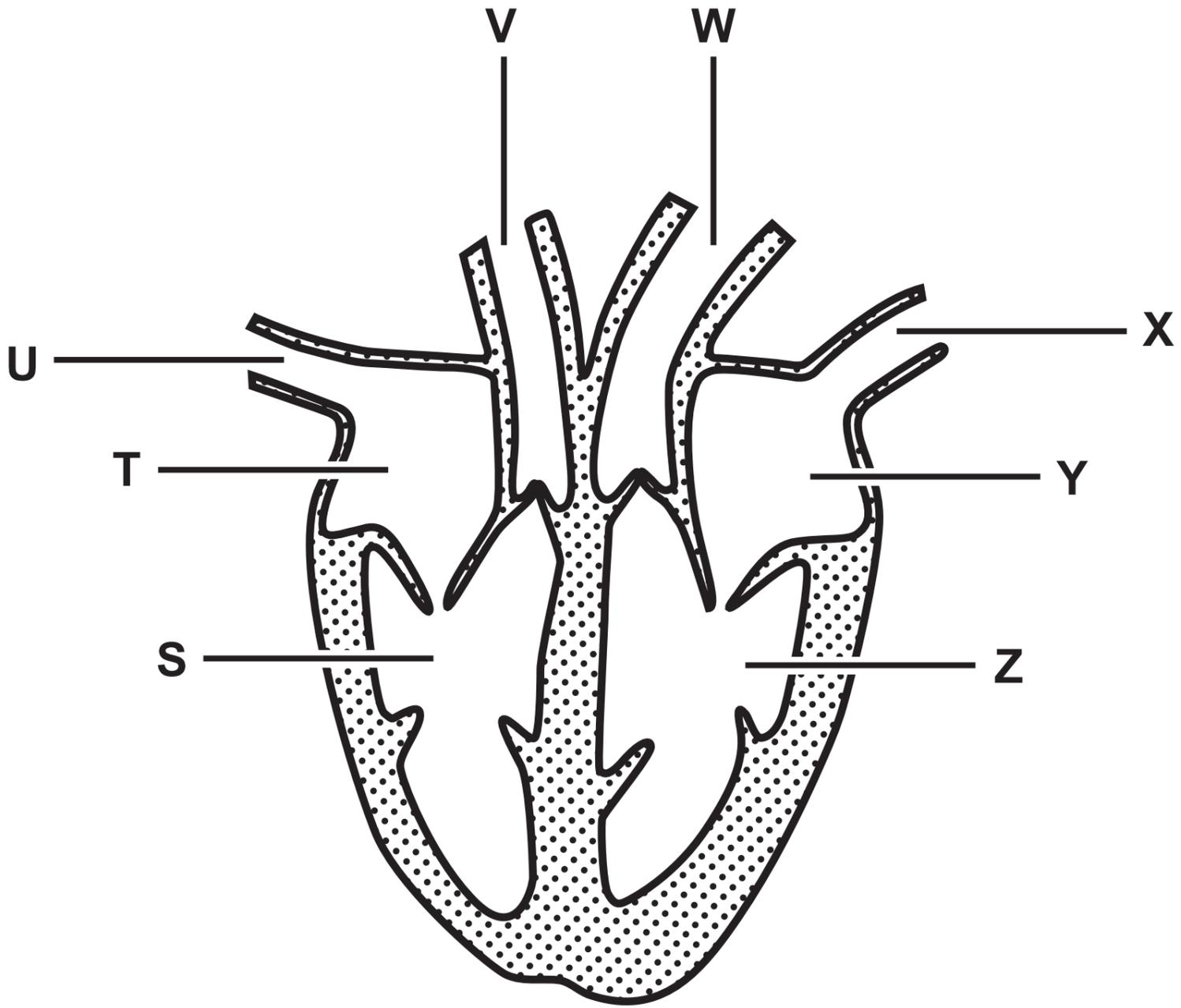
Person	Months with severe symptoms	Months with mild symptoms	Months with no symptoms
A	April and May	March and June	July to September
B	June and July	March to May August	none
C	April to September	March	none
D	none	none	all
E	June to September	March to May	none

Question 6

Cell in distilled water

Cell in concentrated
solution of
sodium chloride

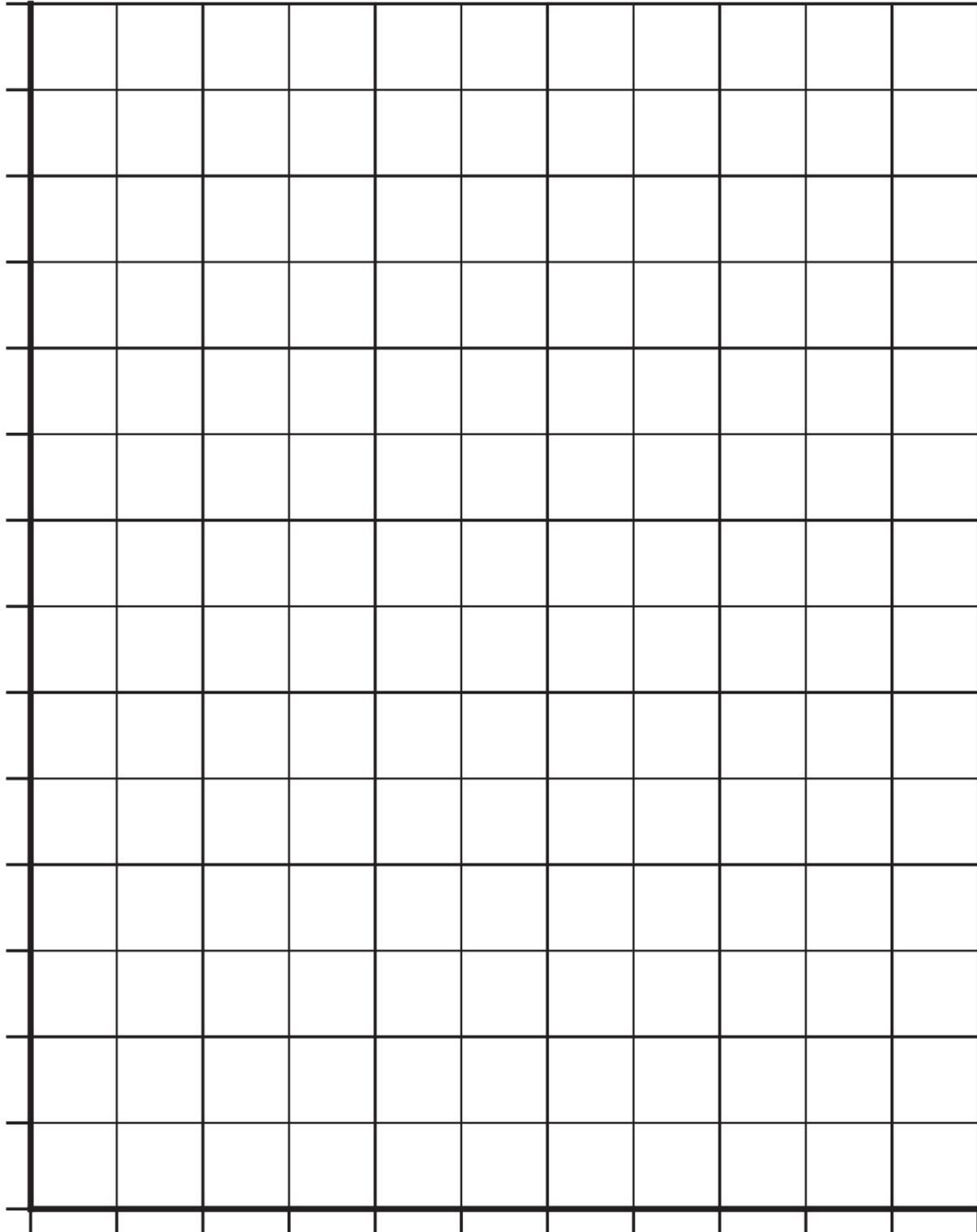
Question 7(a)



Question 7(c)

Age in years	Calculated rate of heart attacks in arbitrary units		
	normal mass	overweight	obese
under 40	3·7	6·4	12·1
40 to 60	18·6	21·4	27·0
over 60	36·1	36·4	17·3
all ages	11·3	16·3	20·2

Question 9(b)(i)



Question 9(b)(i)

