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				

Pearson

INSTRUCTIONS

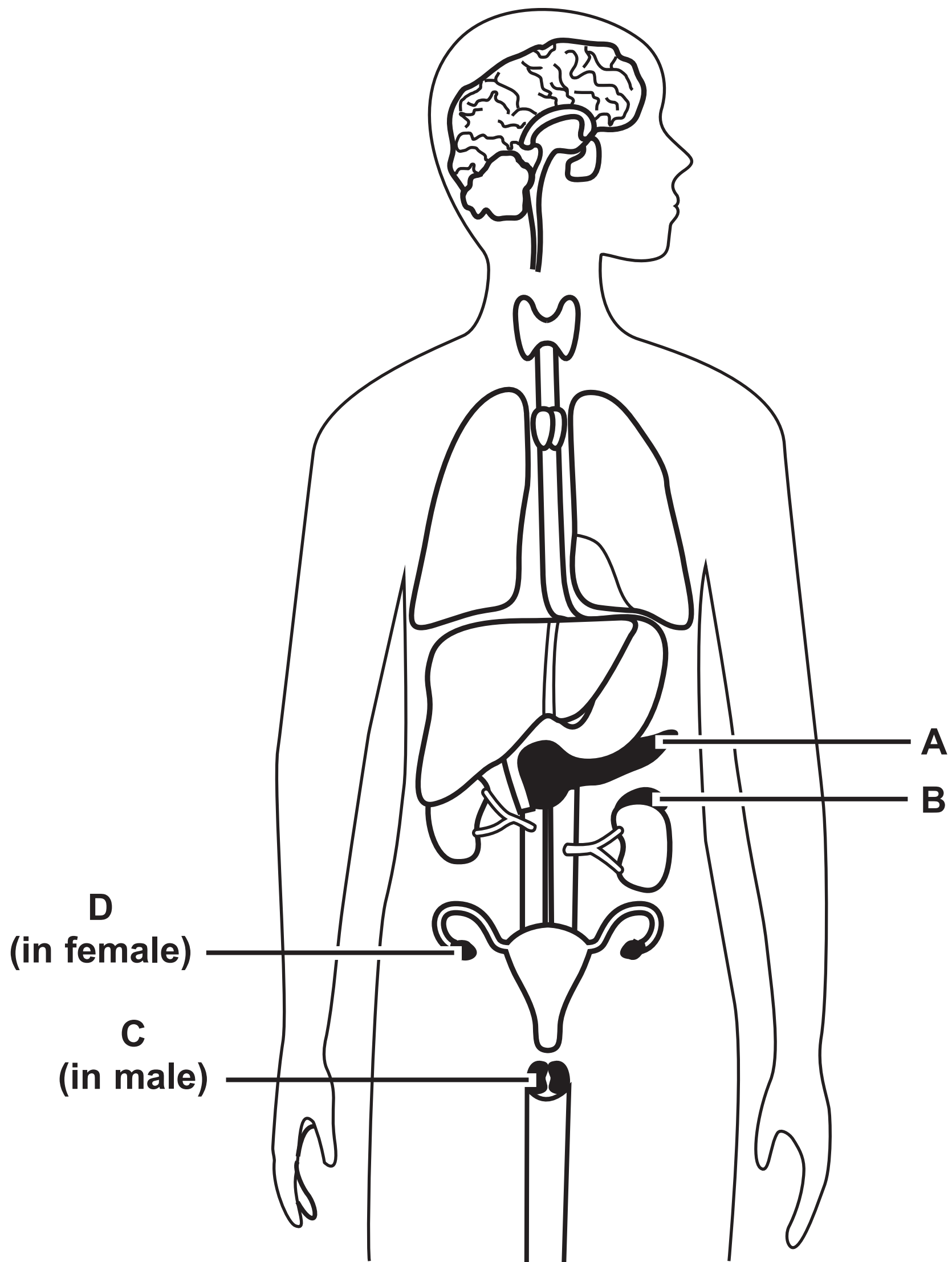**There may be spare copies of some diagrams in case you need them.**

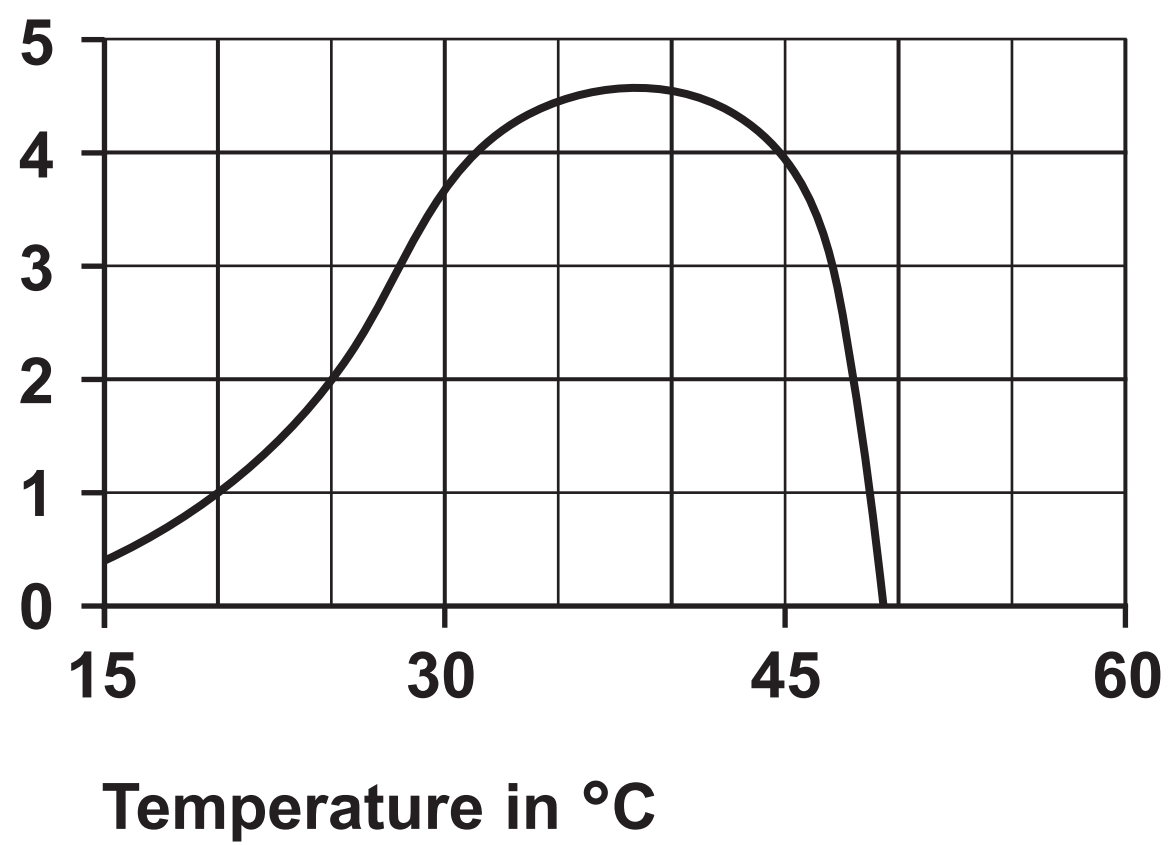**THIS DIAGRAM BOOKLET MUST BE RETURNED WITH THE QUESTION PAPER AT THE END OF THE EXAMINATION.**

Contents

Page

Question 1(a)

A

B

D
(in female)

C
(in male)

Question 2(b)

**Rate of gas
produced in cm^3
per minute**

Temperature in °C

Question 3(a)

Median vital capacity in litres

Age in years
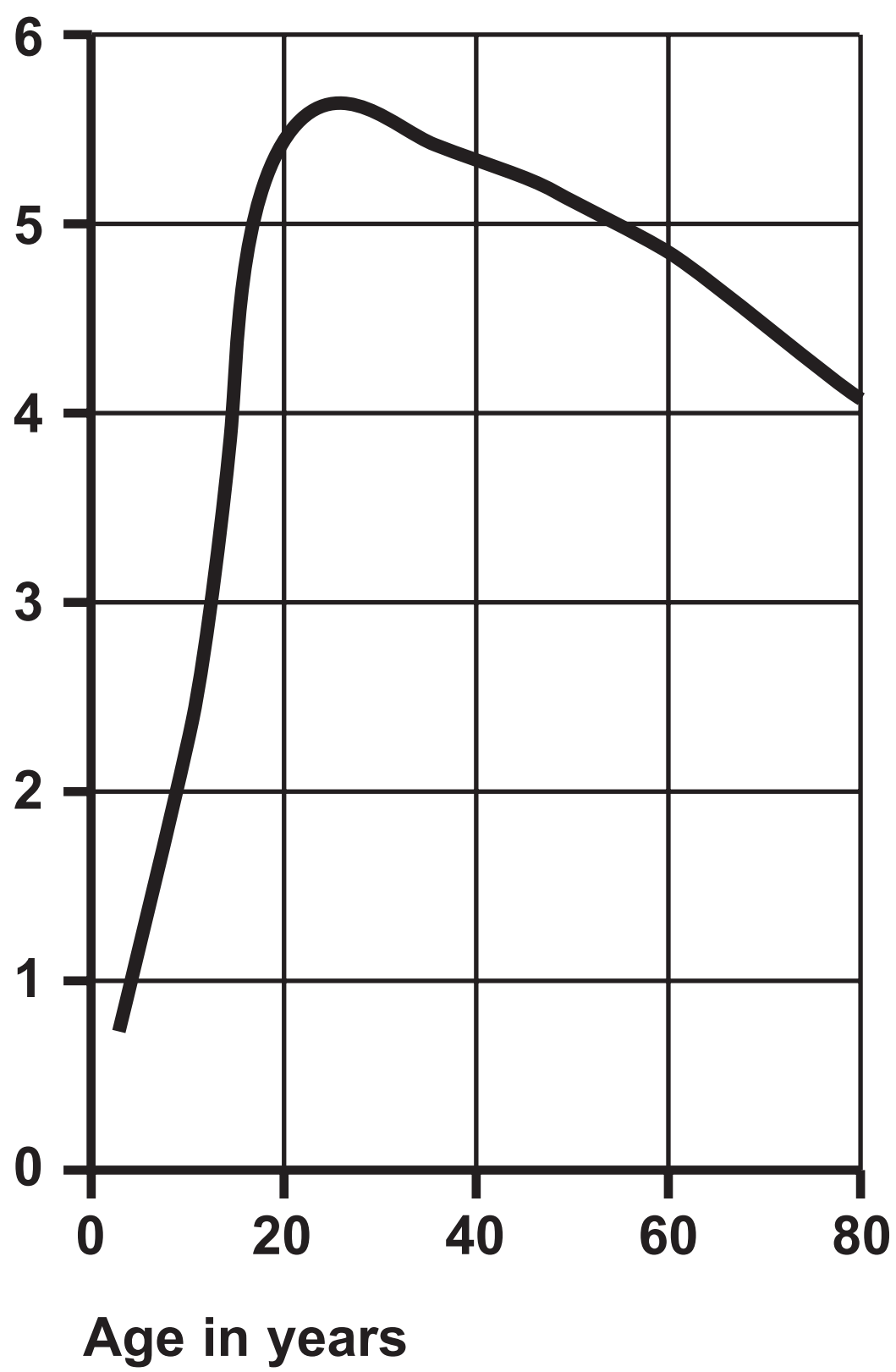
Question 4

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
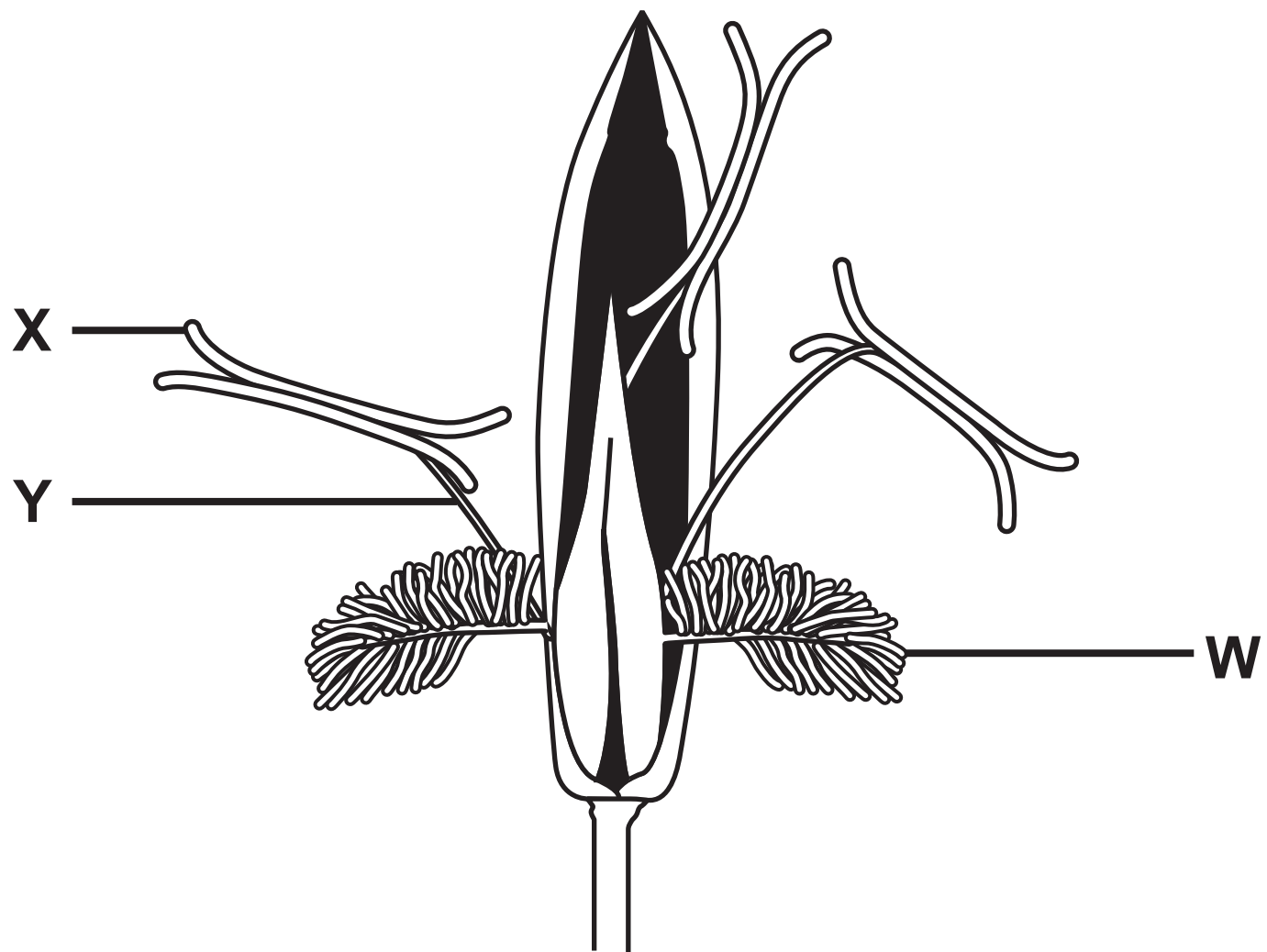
Question 5(b)

Total pollen count

Legend:
- – – – tree
- ·········· weed
- ——— grass
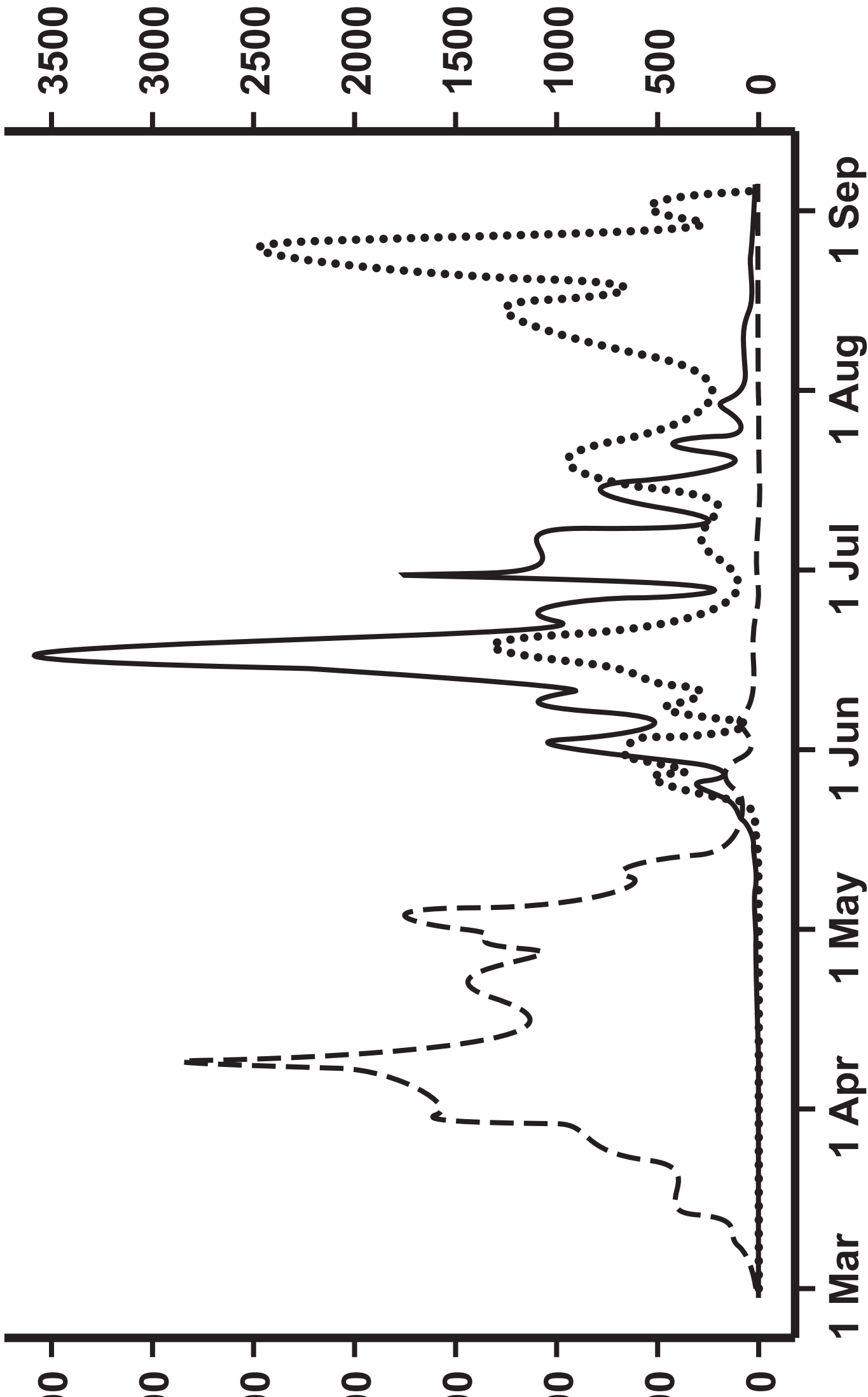
Question 5(b)

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

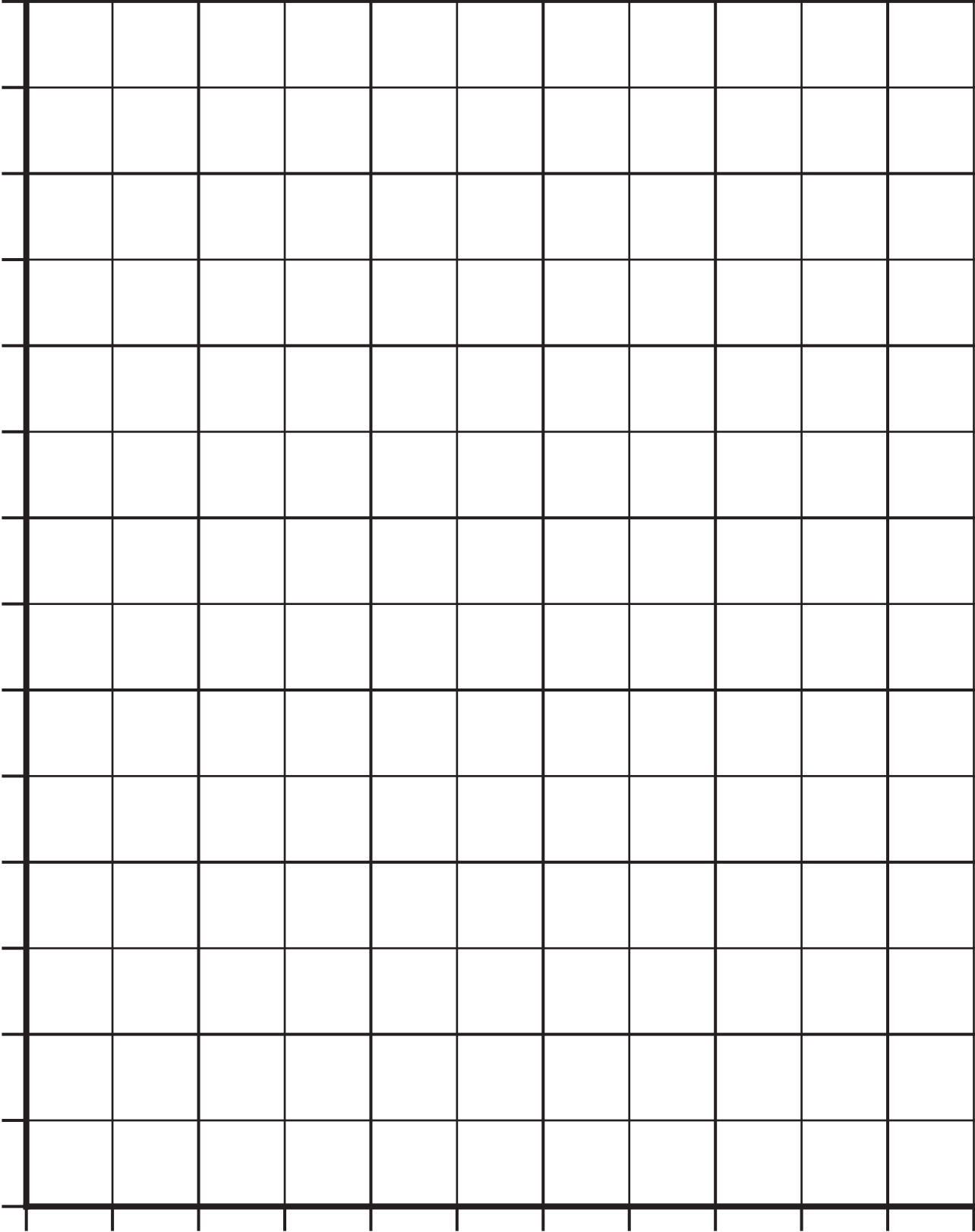**Cell in concentrated solution of sodium chloride**

M

N

O
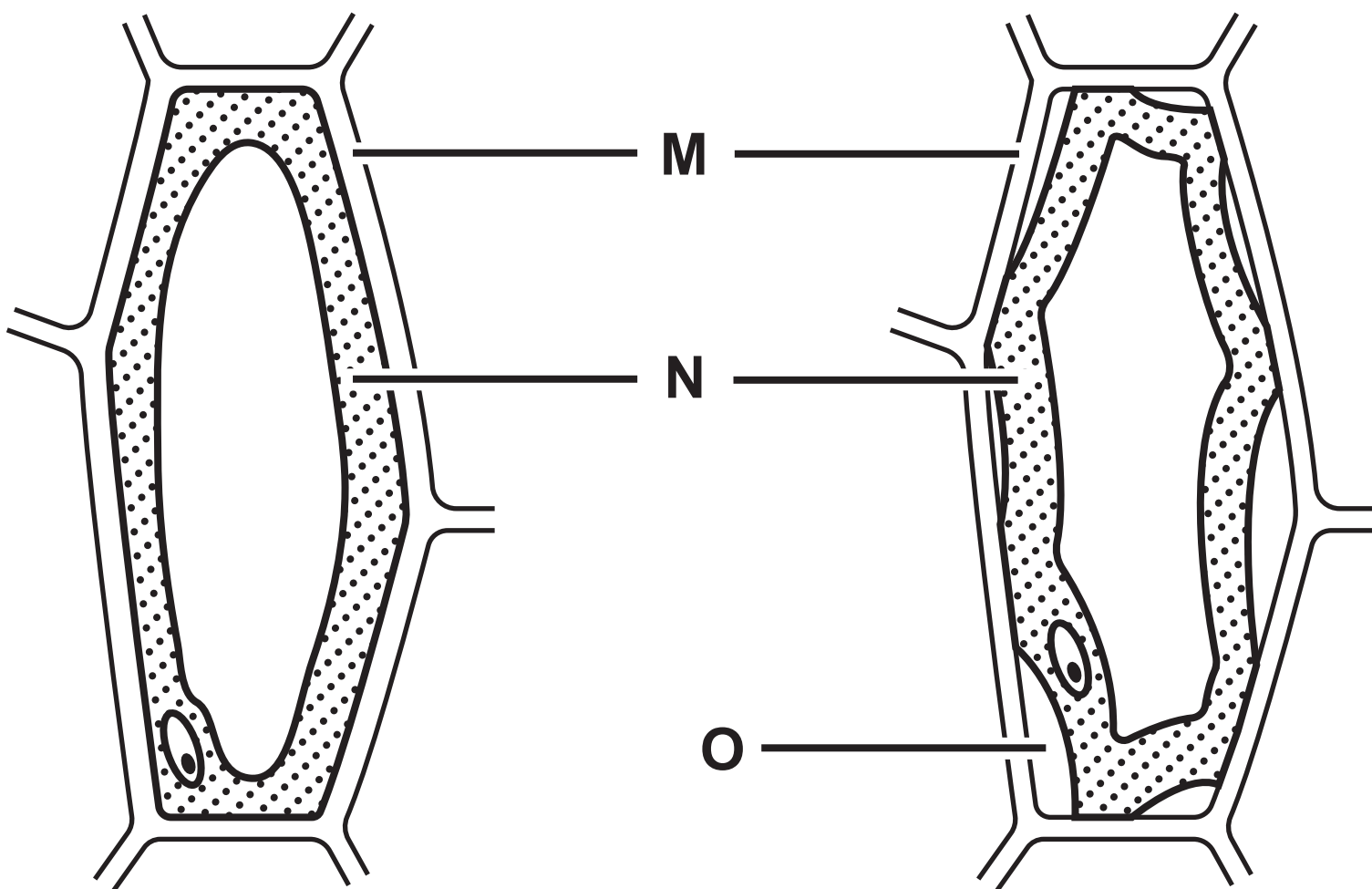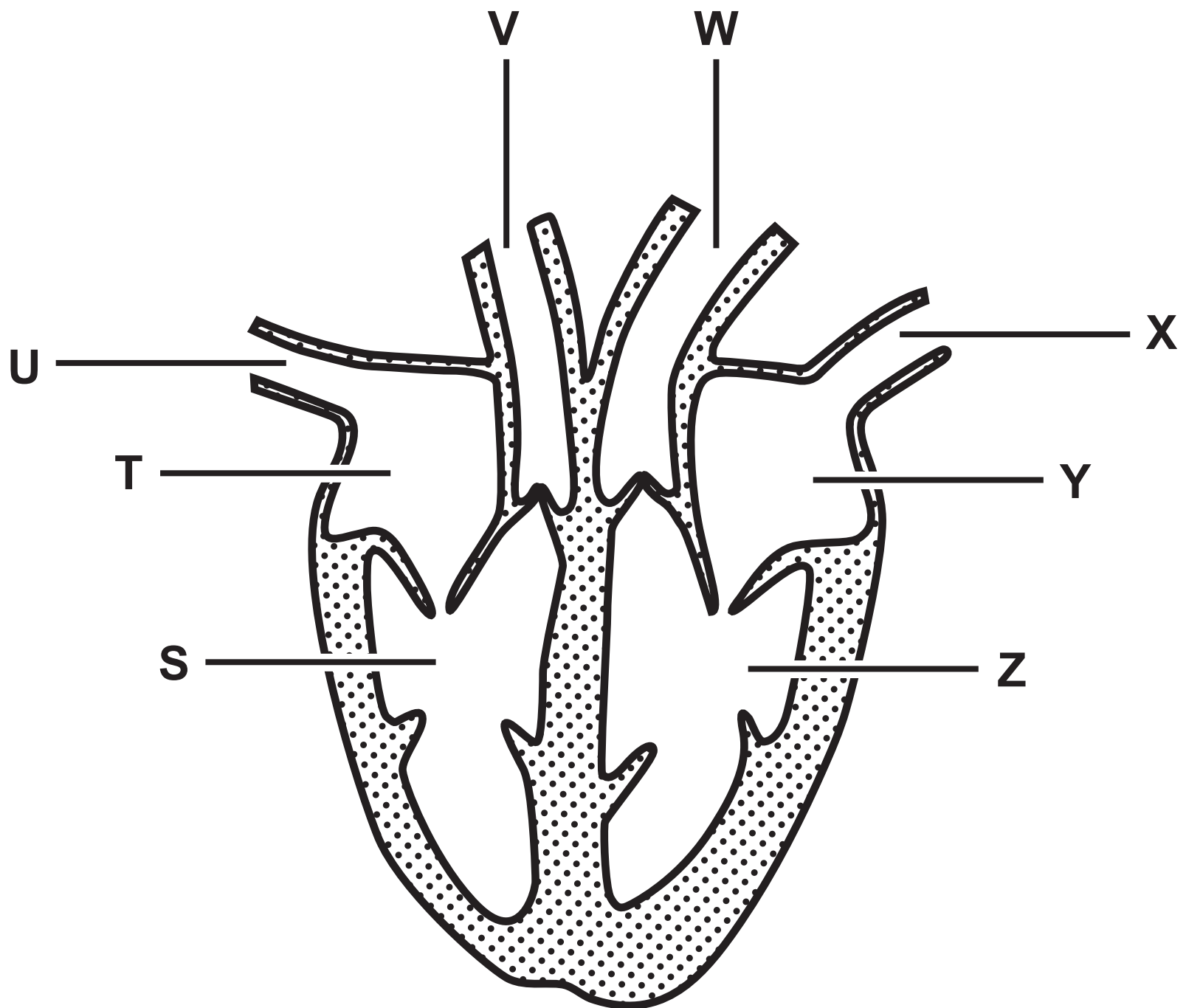
Question 7(a)

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)