

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

Biology
Paper 2
Higher Tier

Monday 1 June 2020 – Afternoon

Time: 1 hour 45 minutes plus your additional time allowance

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.**

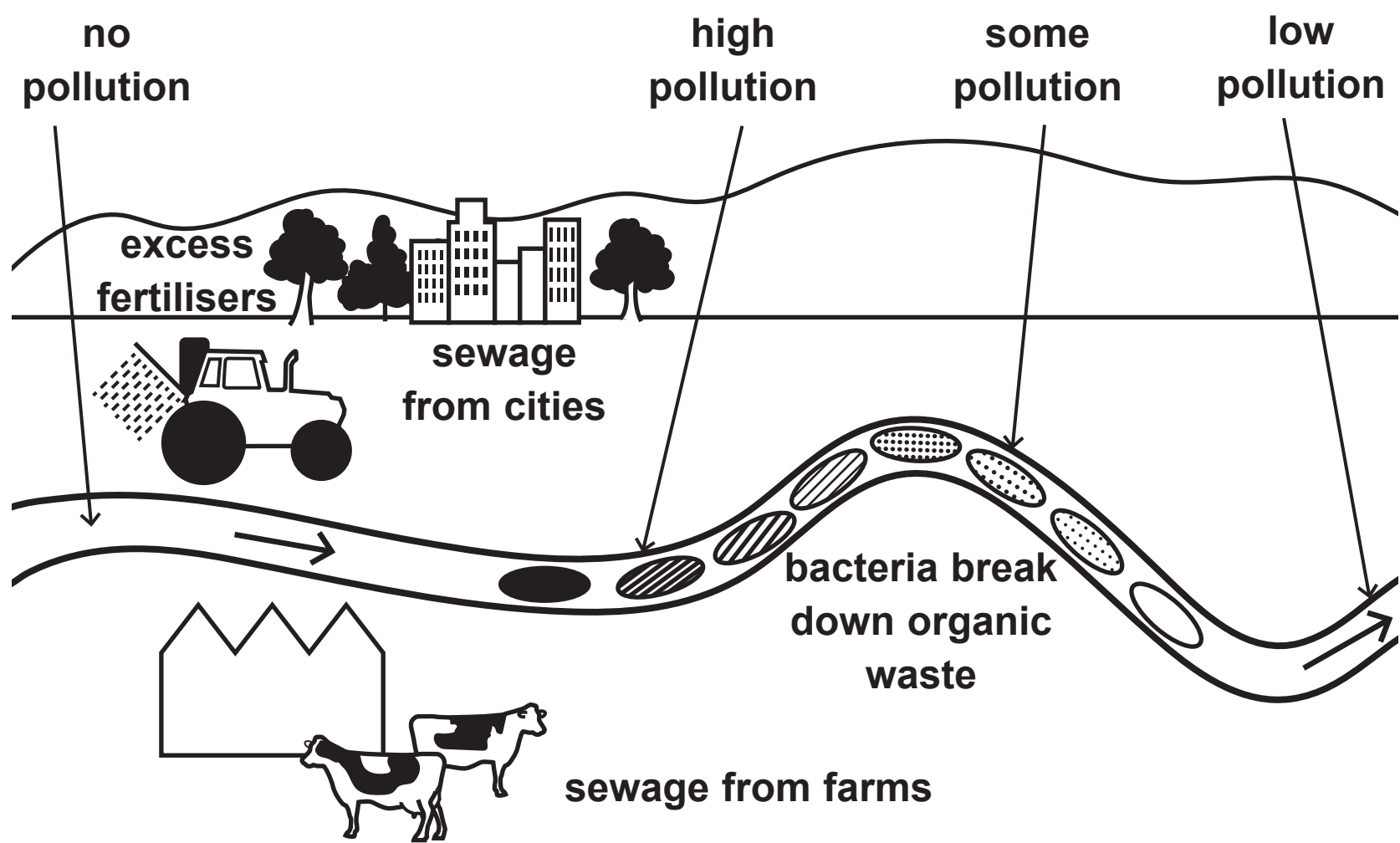
Contents

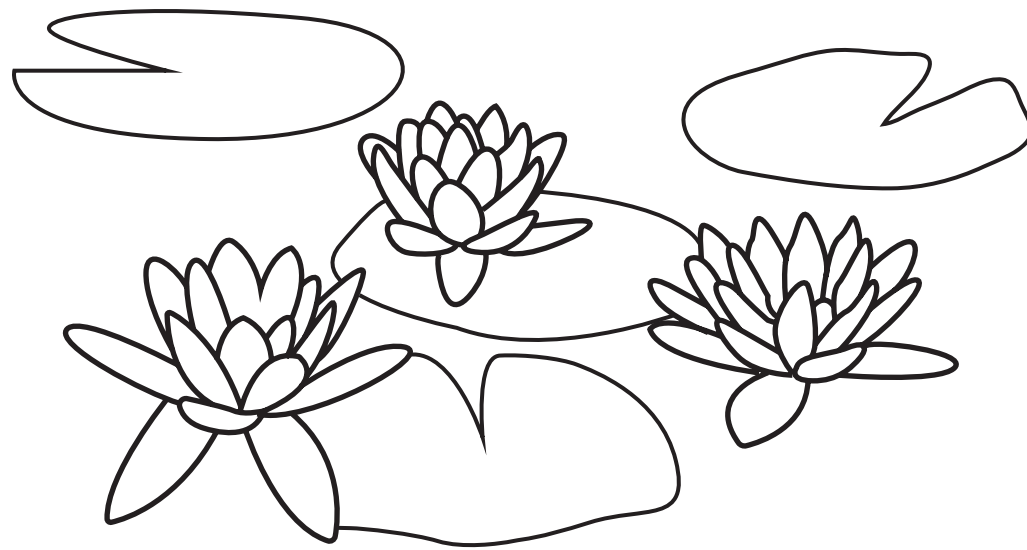
Page

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

Question 1(a)

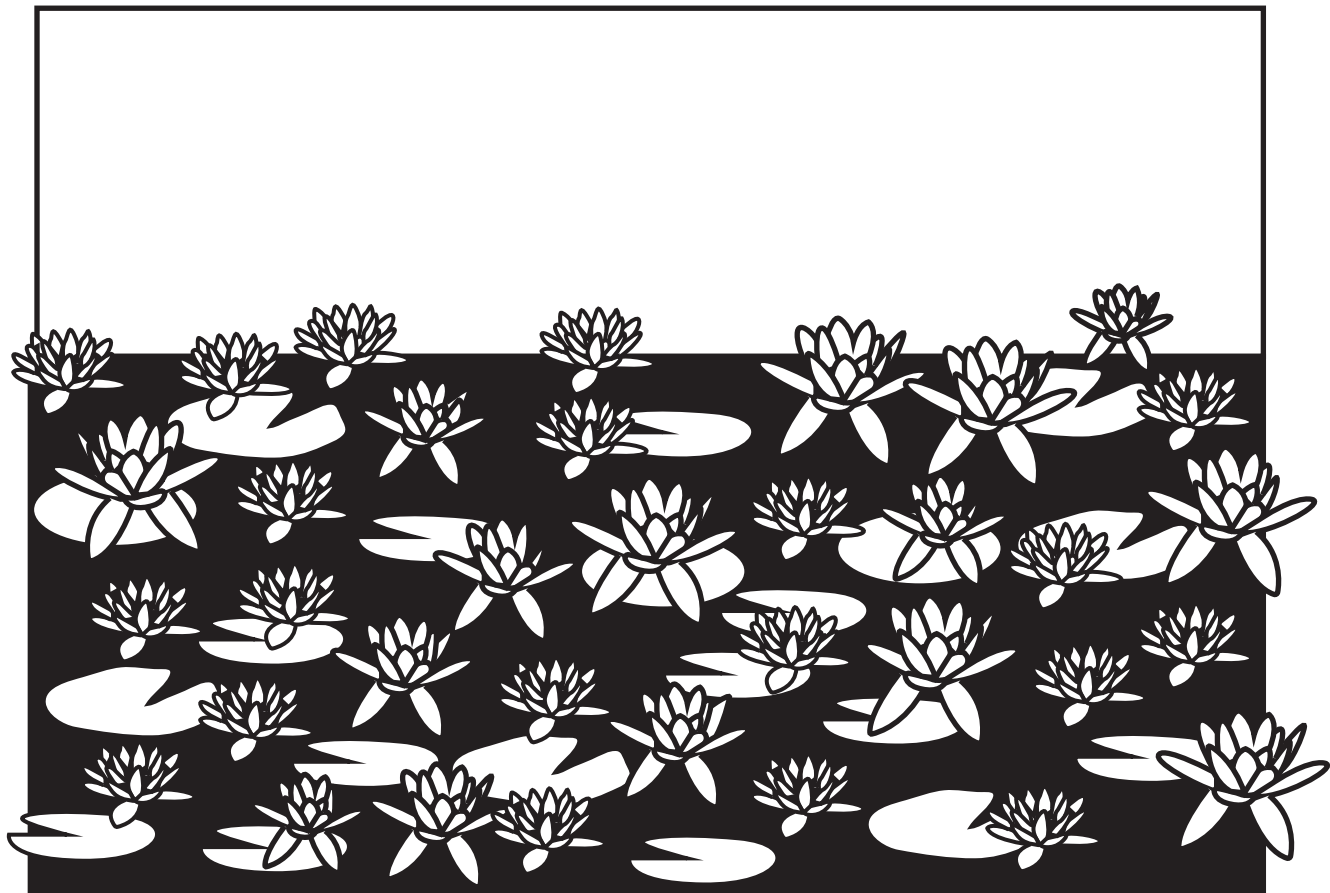
Figure 1



Question 2**Figure 2**

Question 2(c)

Figure 3



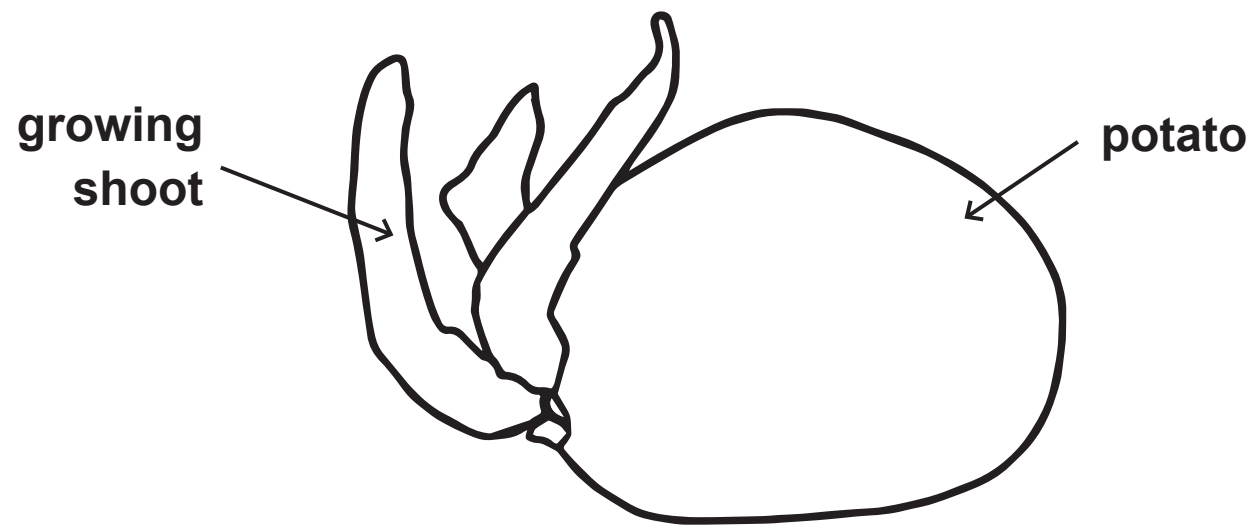
Question 3

Figure 4



Question 3(b)

Figure 5



Question 3(b)

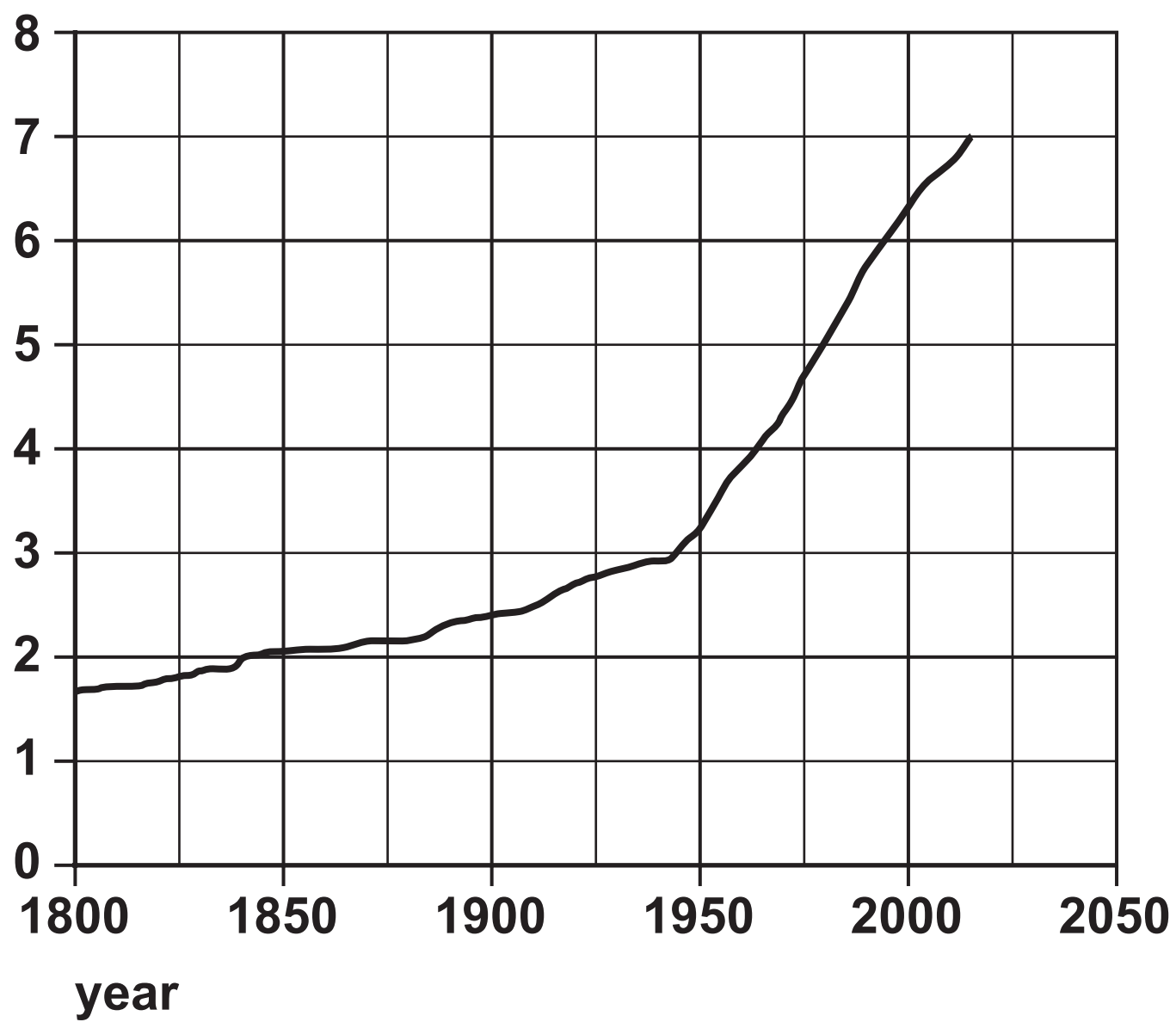
Figure 6

potato	time after placing in the dark in weeks	mean length of starch grains in μm
1	0	64
2	5	50
3	10	30

Question 4(a)

Figure 7

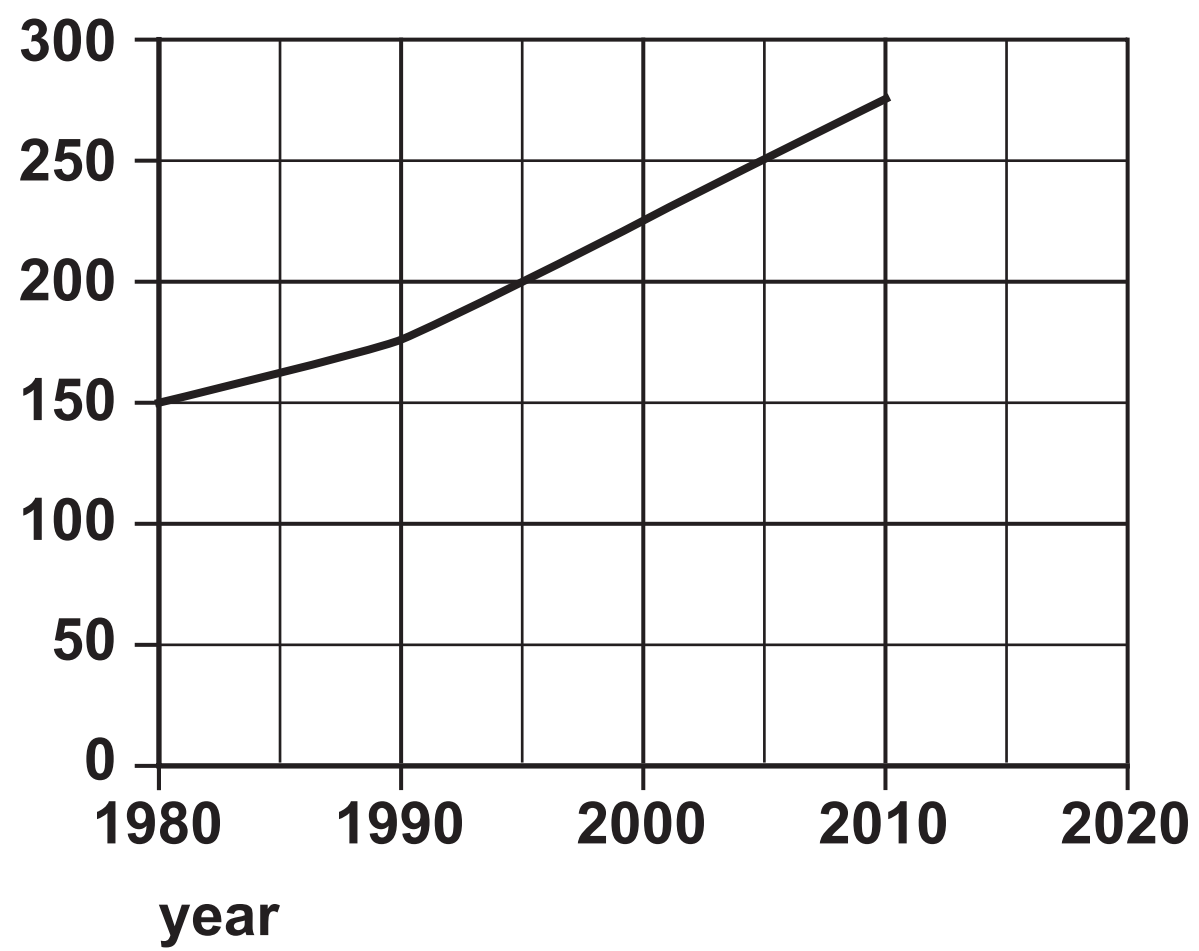
world
population
in billions



Question 4(c)

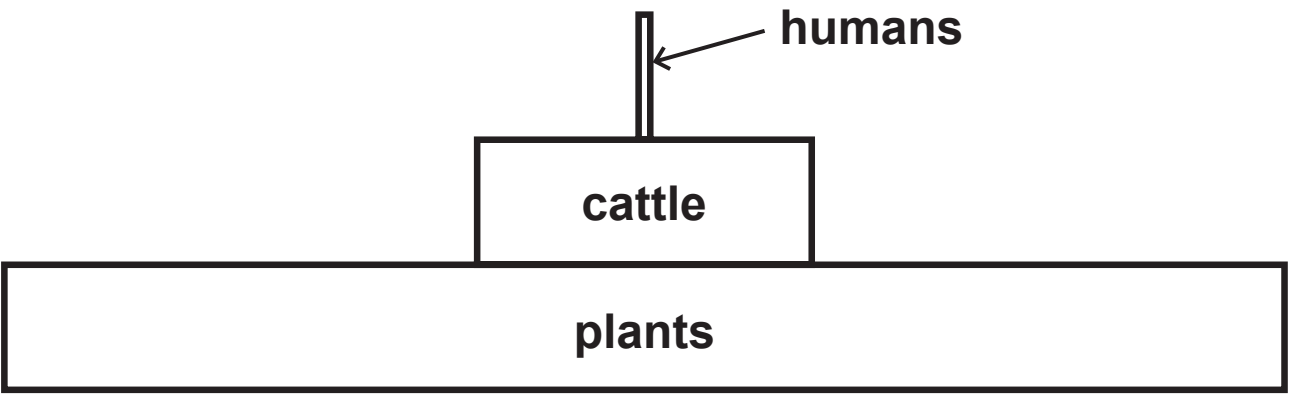
Figure 8

mass of meat
eaten in the
world in millions
of tonnes



Question 4(d)

Figure 9



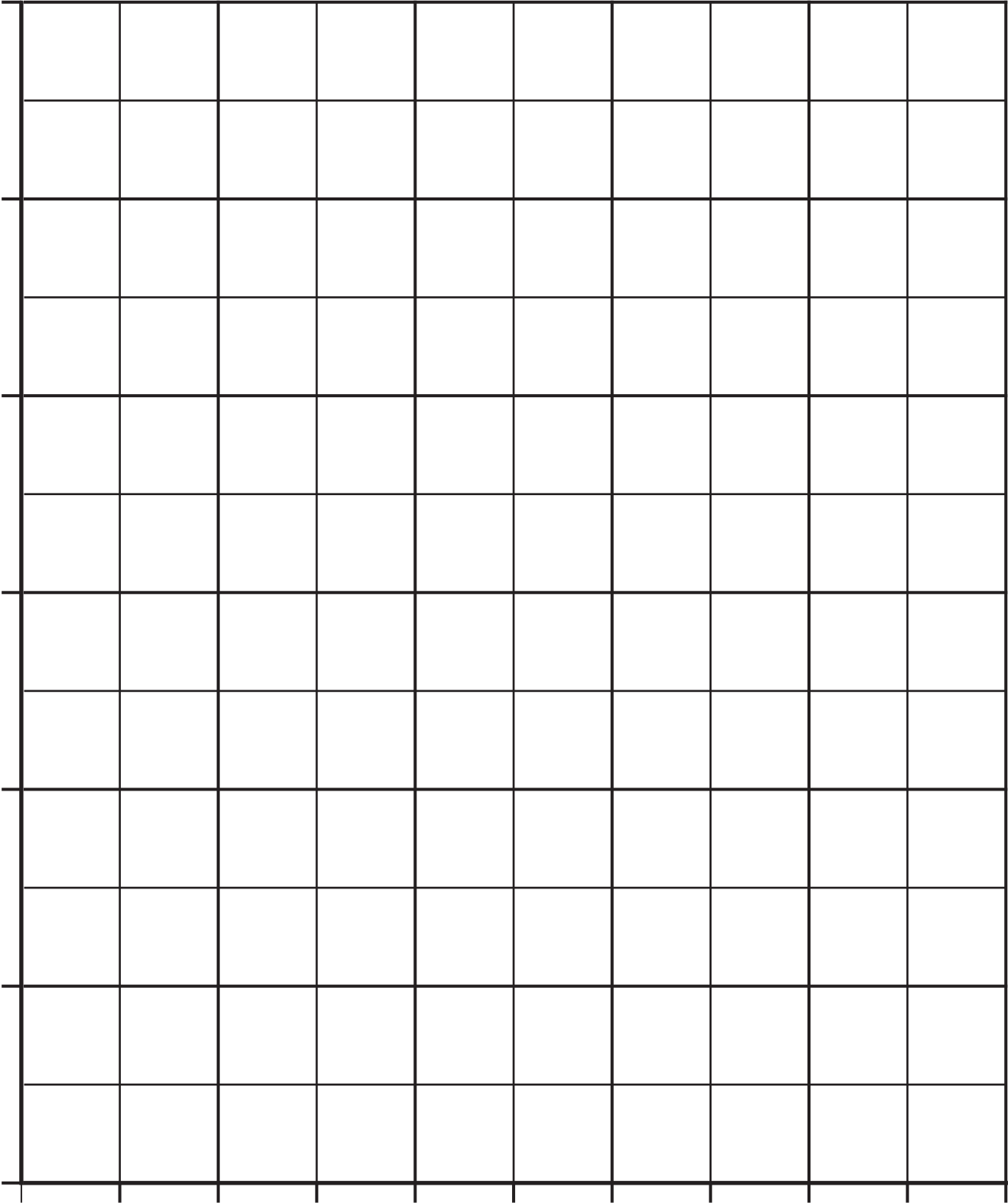
Question 5(c)

Figure 10

pH	time taken to digest the food in minutes
1	42
2	15
3	9
4	2
5	16
6	40

Question 6(a)(i)

time taken for
blood to clot
in seconds



temperature in °C

Question 6(a)(i) (Spare copy)

time taken for
blood to clot
in seconds

temperature in °C

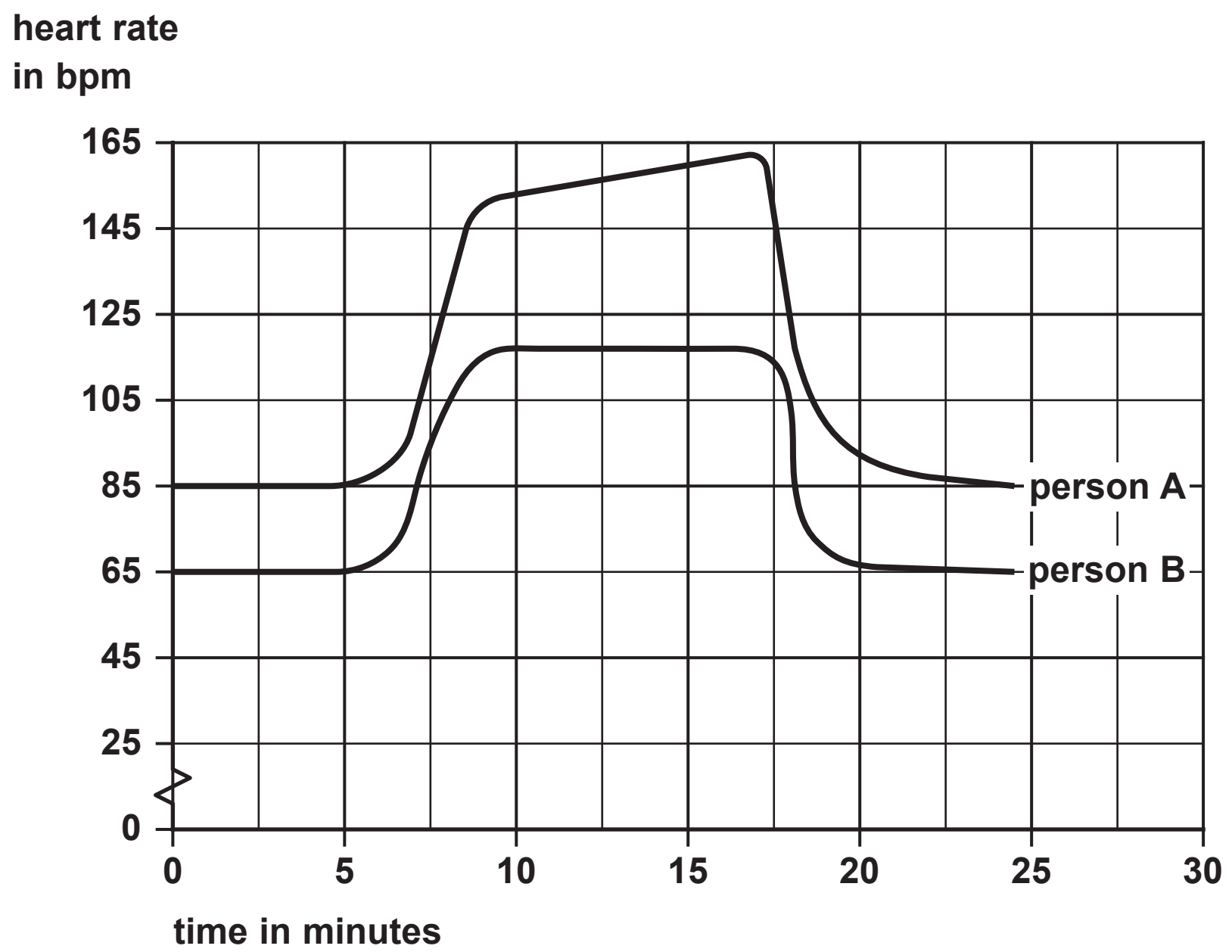
Question 7(a)

Figure 12

concentration of weed killer solution (%)	number of dandelion plants in 1 m ²	
	before applying weed killer	two weeks after applying weed killer
0	9	9
20	9	9
40	7	5
60	8	2
80	8	0

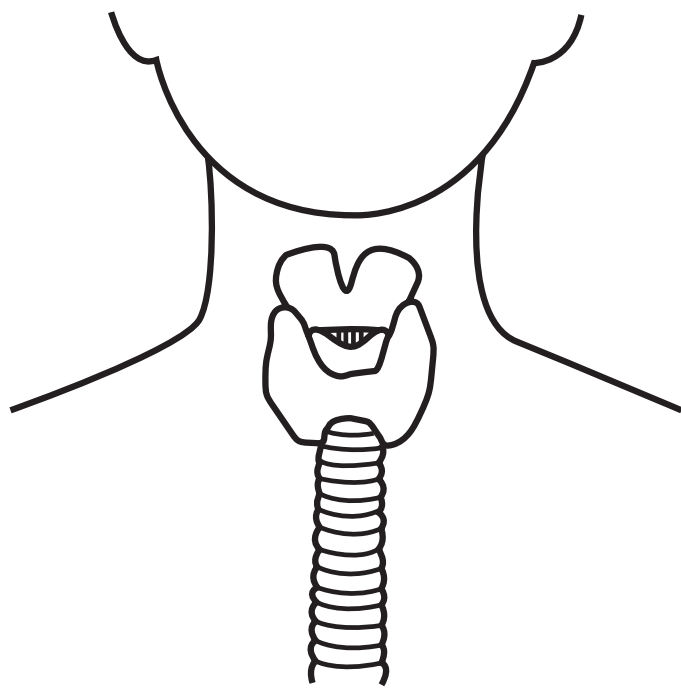
Question 8

Figure 13

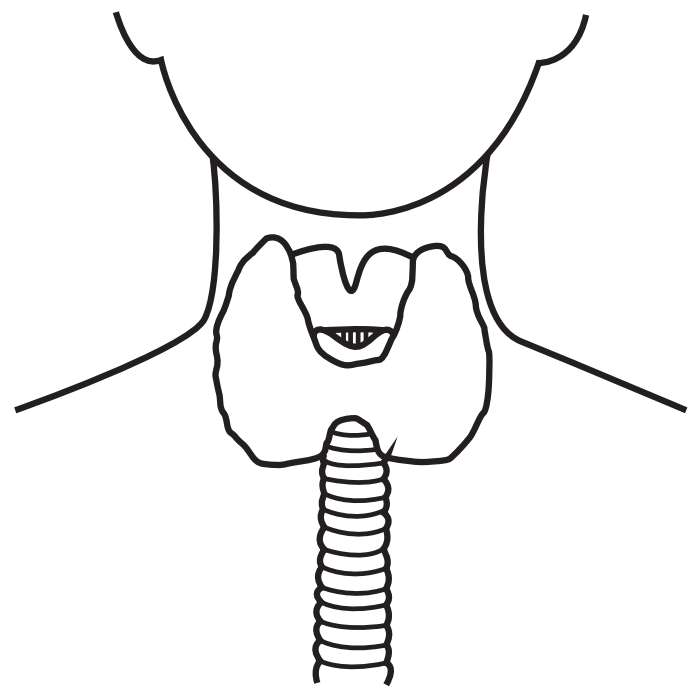


Question 9(a)

Figure 14



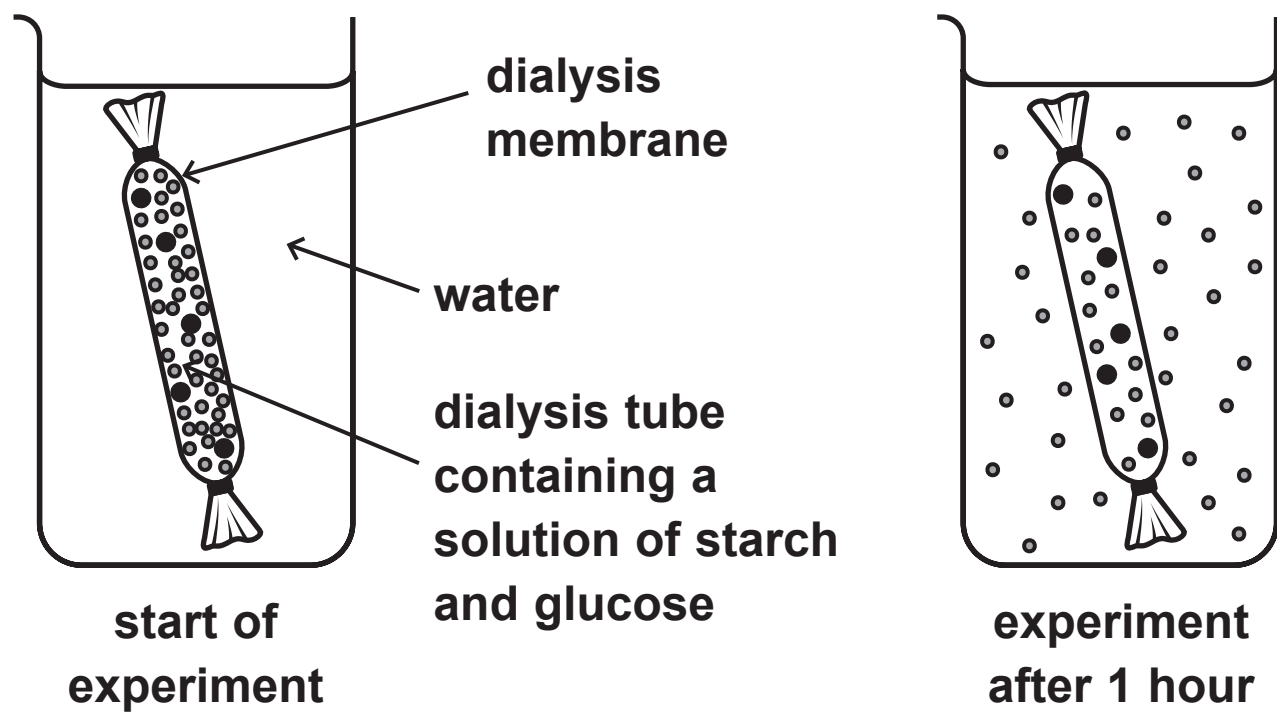
normal



hyperthyroidism

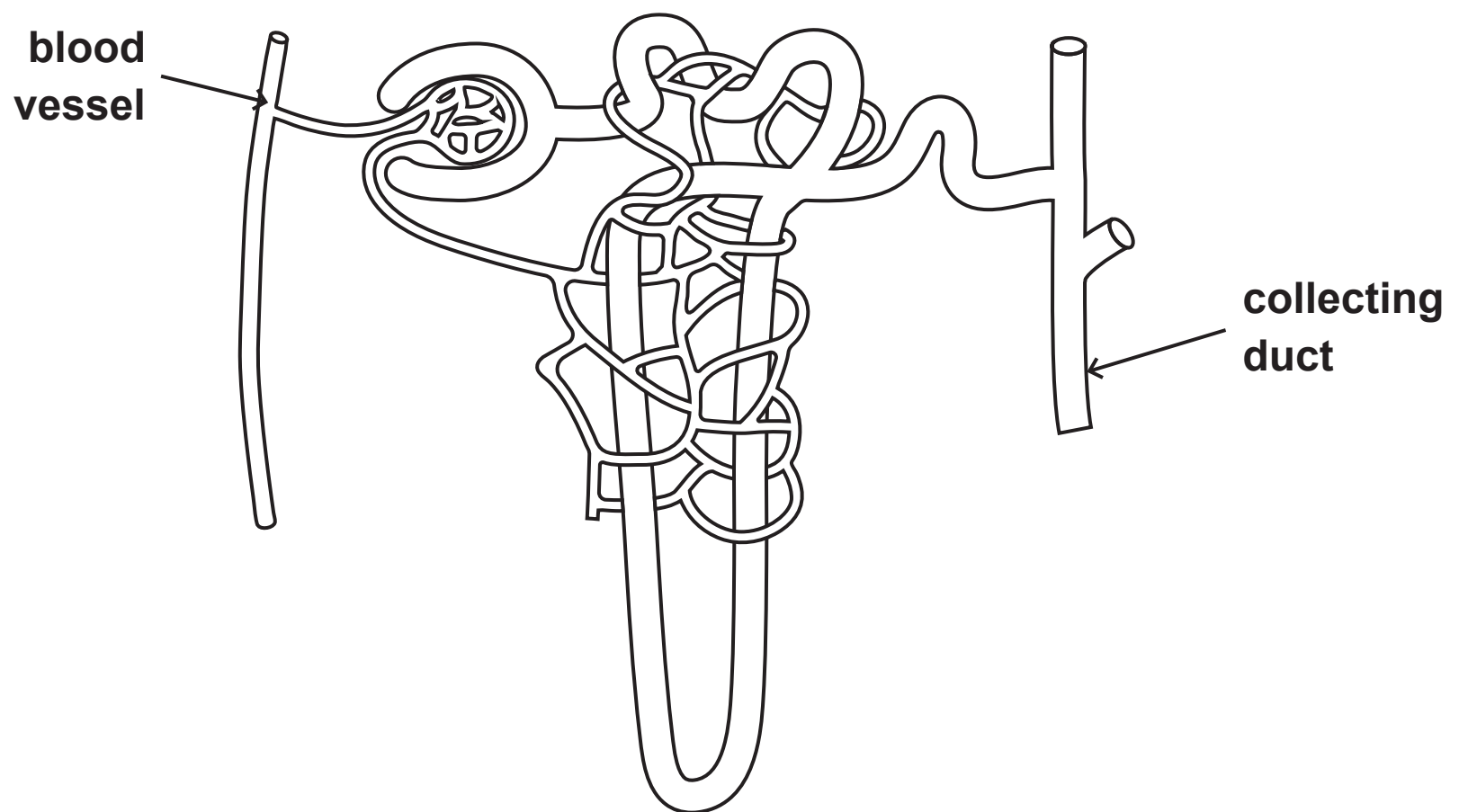
Question 10(a)

Figure 15



Question 10(b)

Figure 16



Question 2
© Oleksandr Shymanskyi/123RF

Question 2(c)
© lynn gladwell/123RF

Question 3(b)
© rodimov/Shutterstock

Question 9(a)
© medistock/Shutterstock