

Biology
Paper 1
Foundation Tier

Tuesday 12 May 2020 – Afternoon

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.**

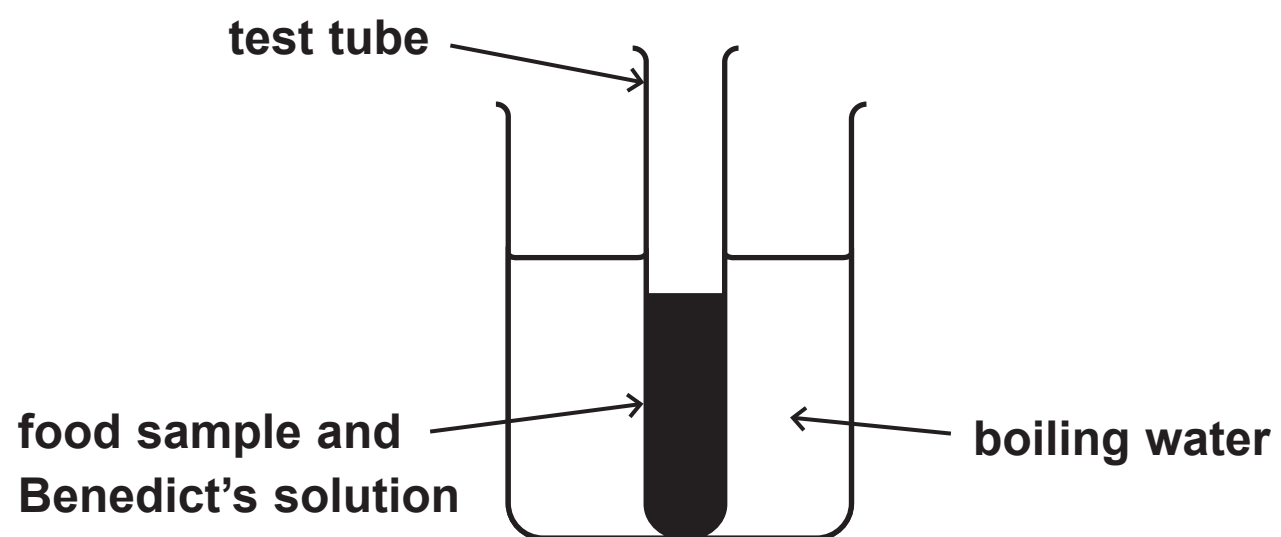
Contents

Page

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

Question 1(b)

Figure 1



Question 1(c)

Figure 2

colour of Benedict’s solution after testing food sample	concentration of reducing sugar
blue	zero
green	low
yellow	↓
orange	
brick red	high

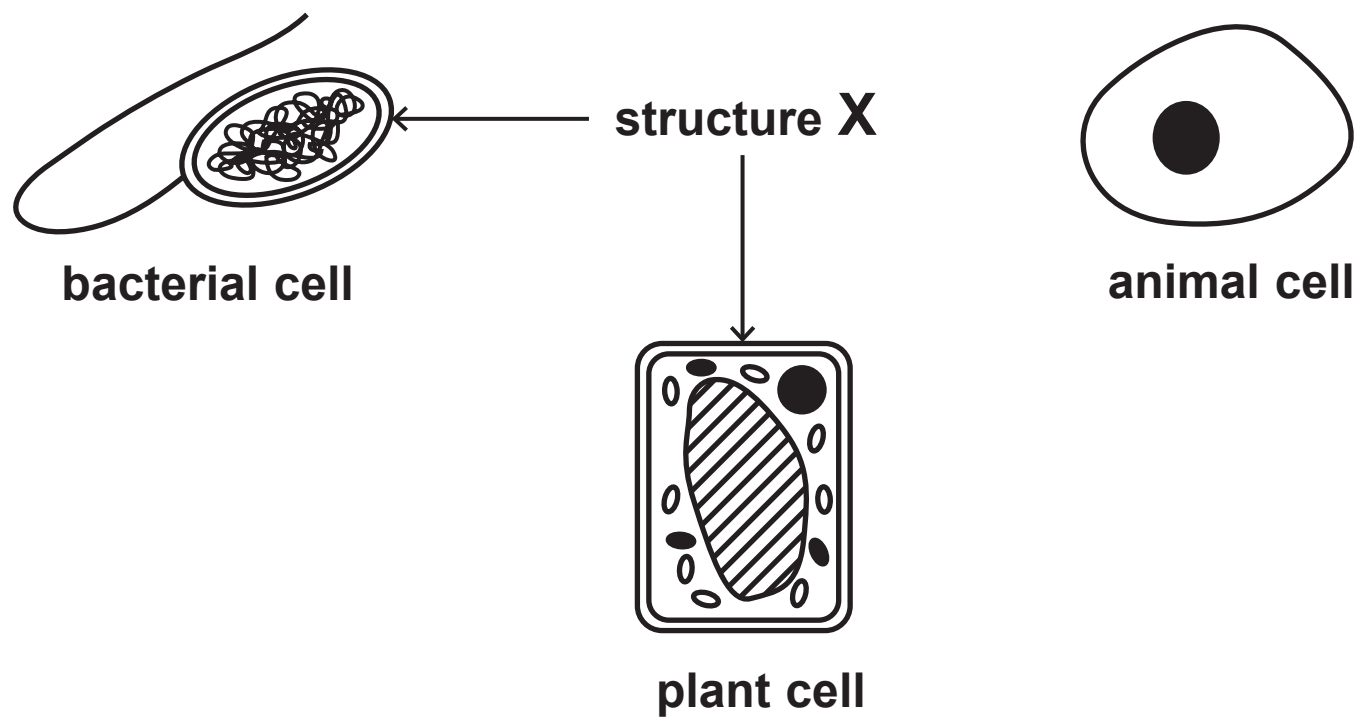
Question 1(c)(ii)

Figure 3

type of biscuit	colour with Benedict's solution
A	green
B	brick red
C	orange

Question 2(a)

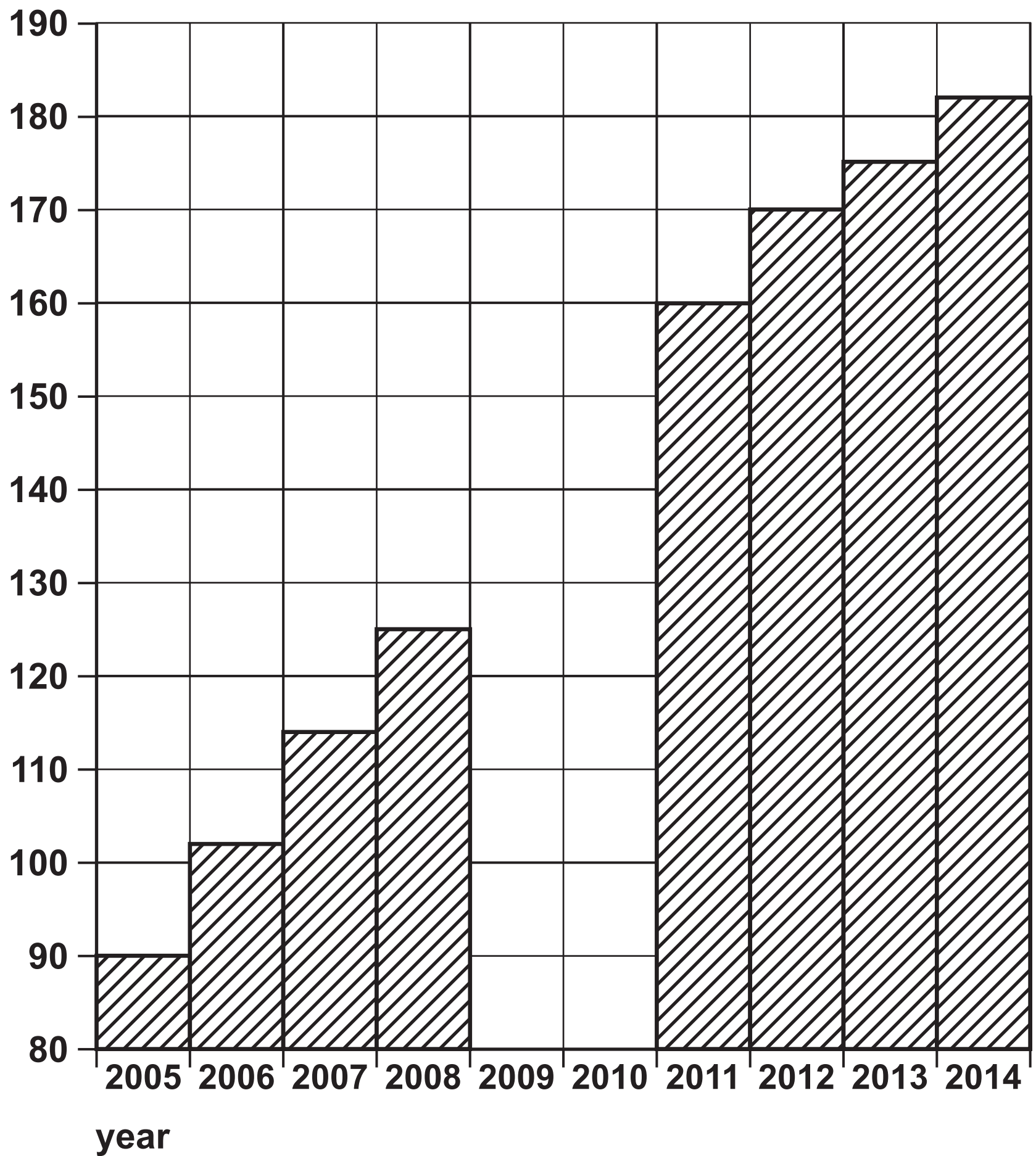
Figure 4



Question 3(a)

Figure 5

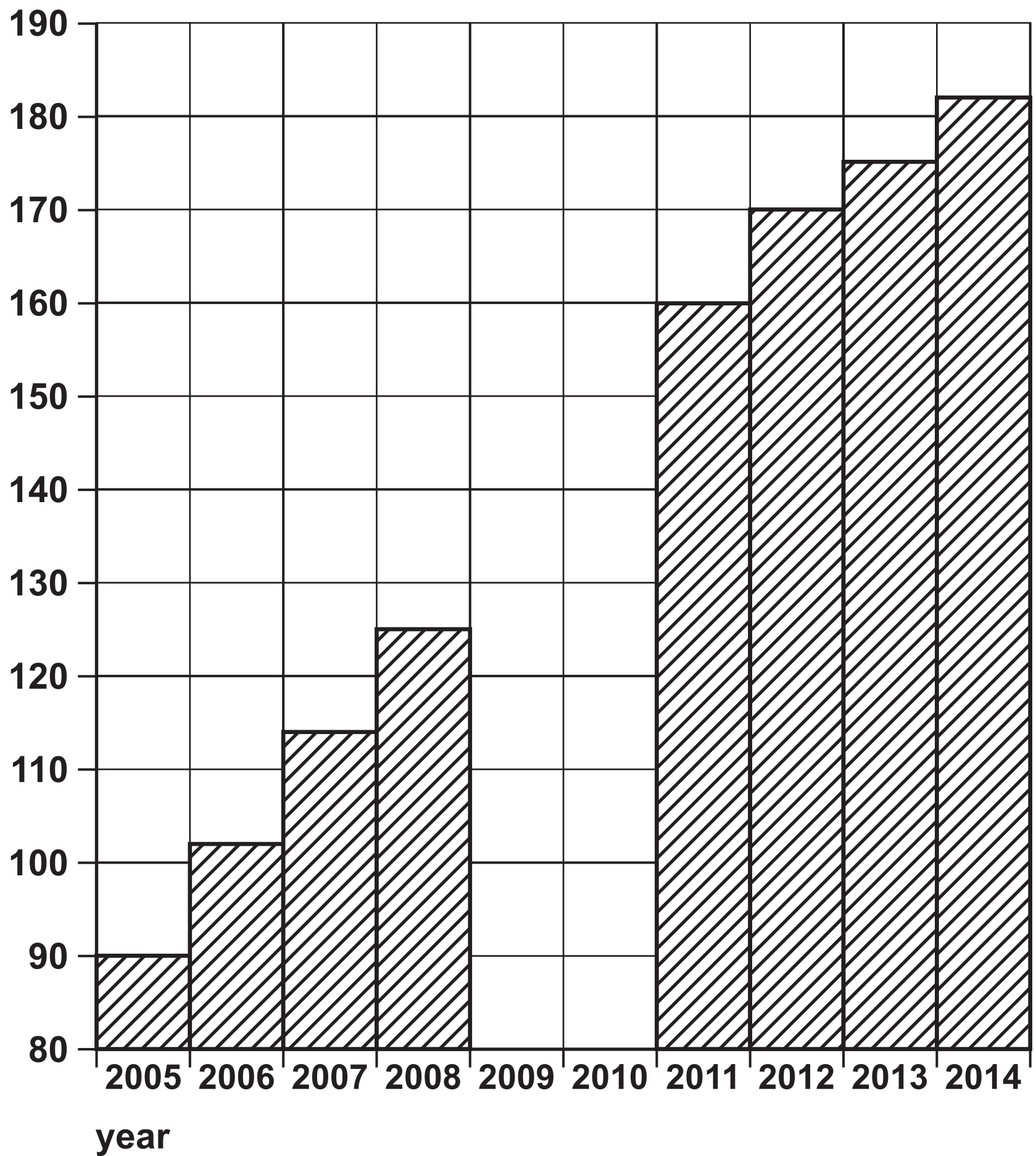
area of land used
to grow GM crops
in millions of
hectares



Question 3(a) (Spare copy)

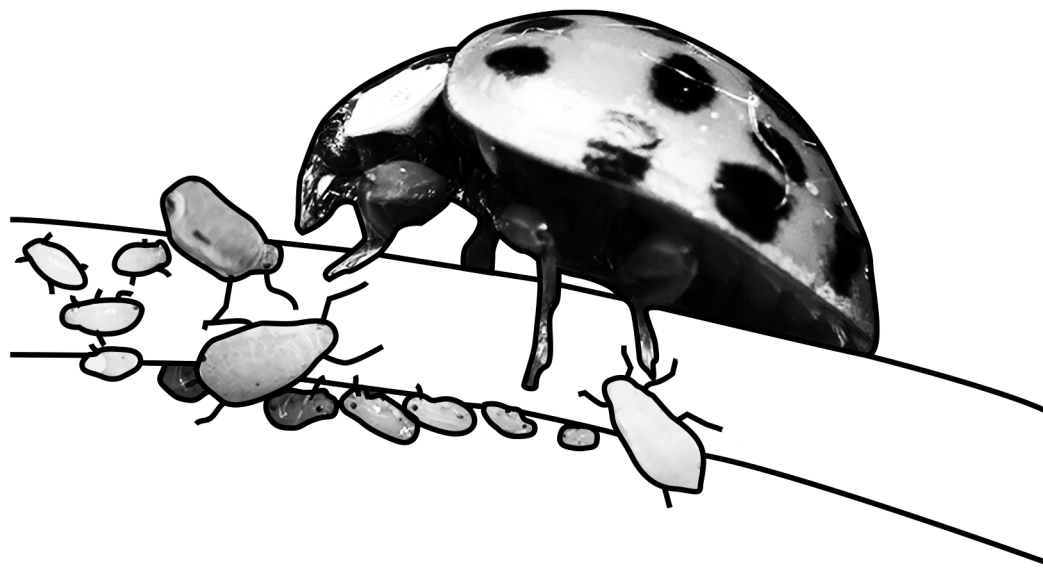
Figure 5

area of land used
to grow GM crops
in millions of
hectares



Question 3(c)

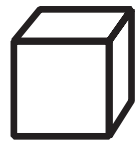
Figure 6



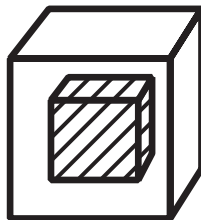
Question 4(a)

Figure 7

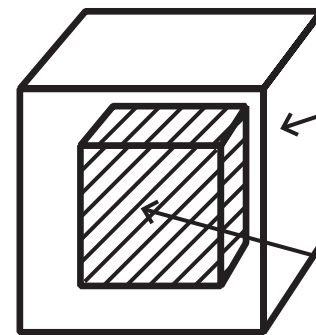
cube A



cube B

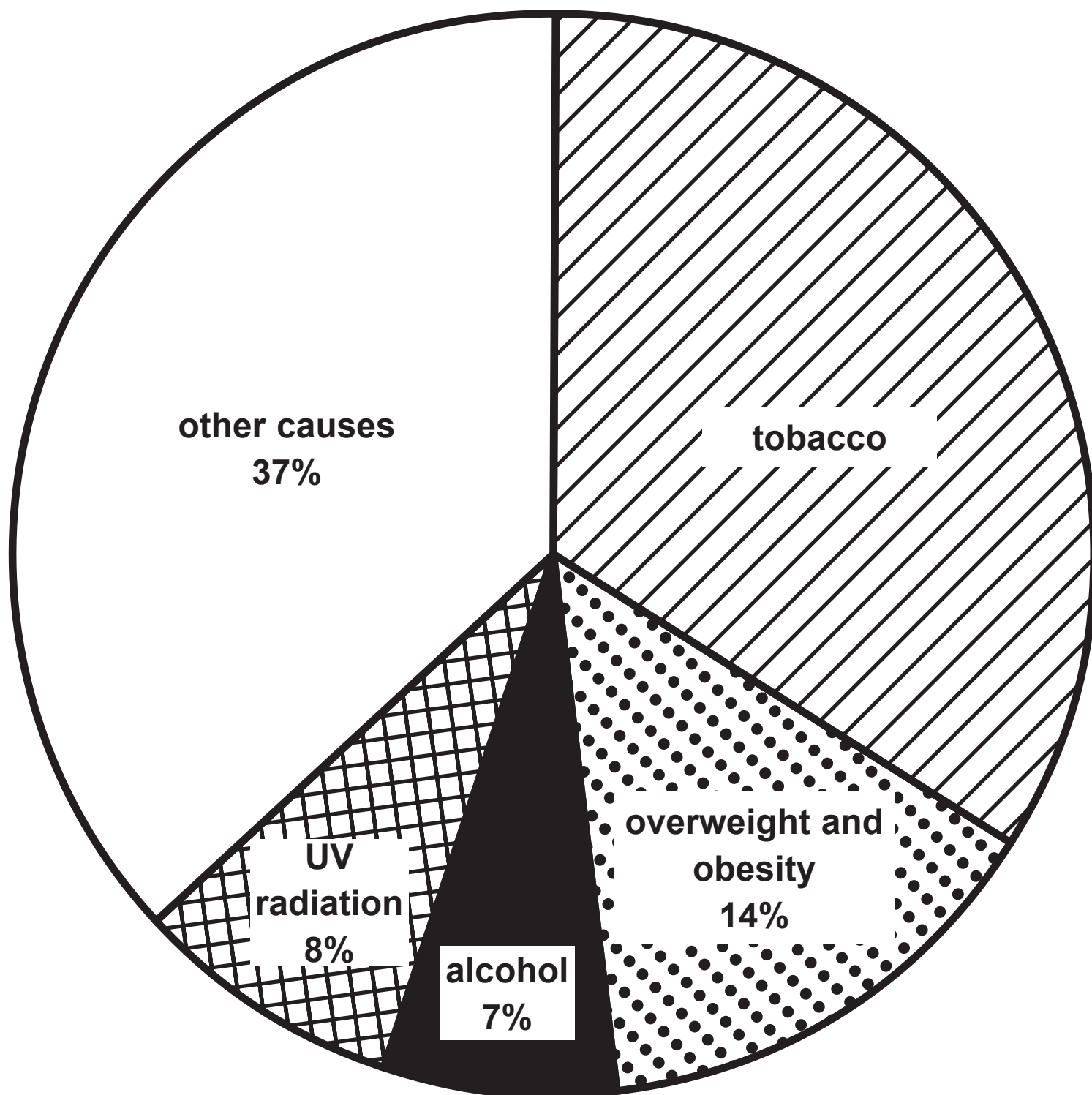


cube C

clear agar
jellypink agar
jelly

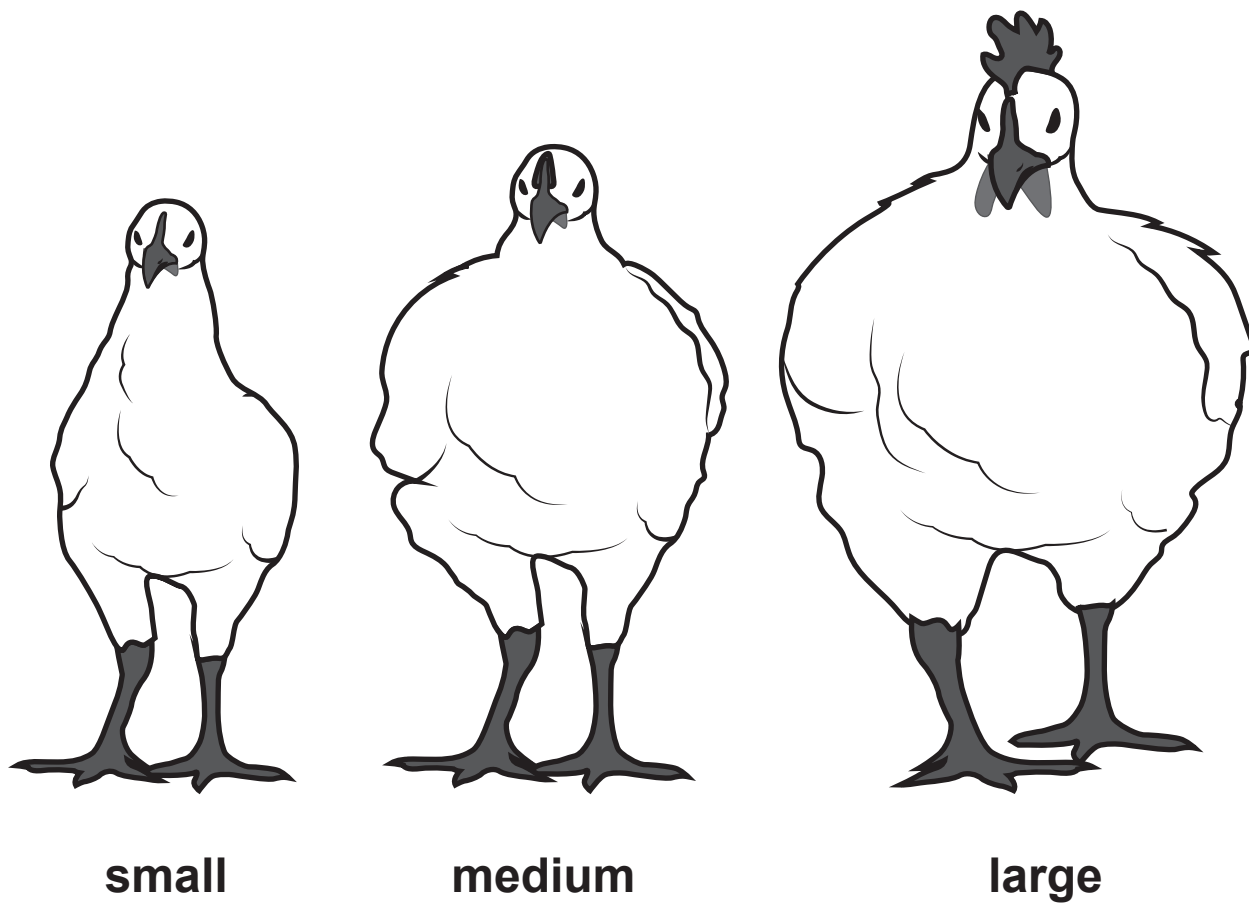
Question 4(d)

Figure 8



Question 5(a)

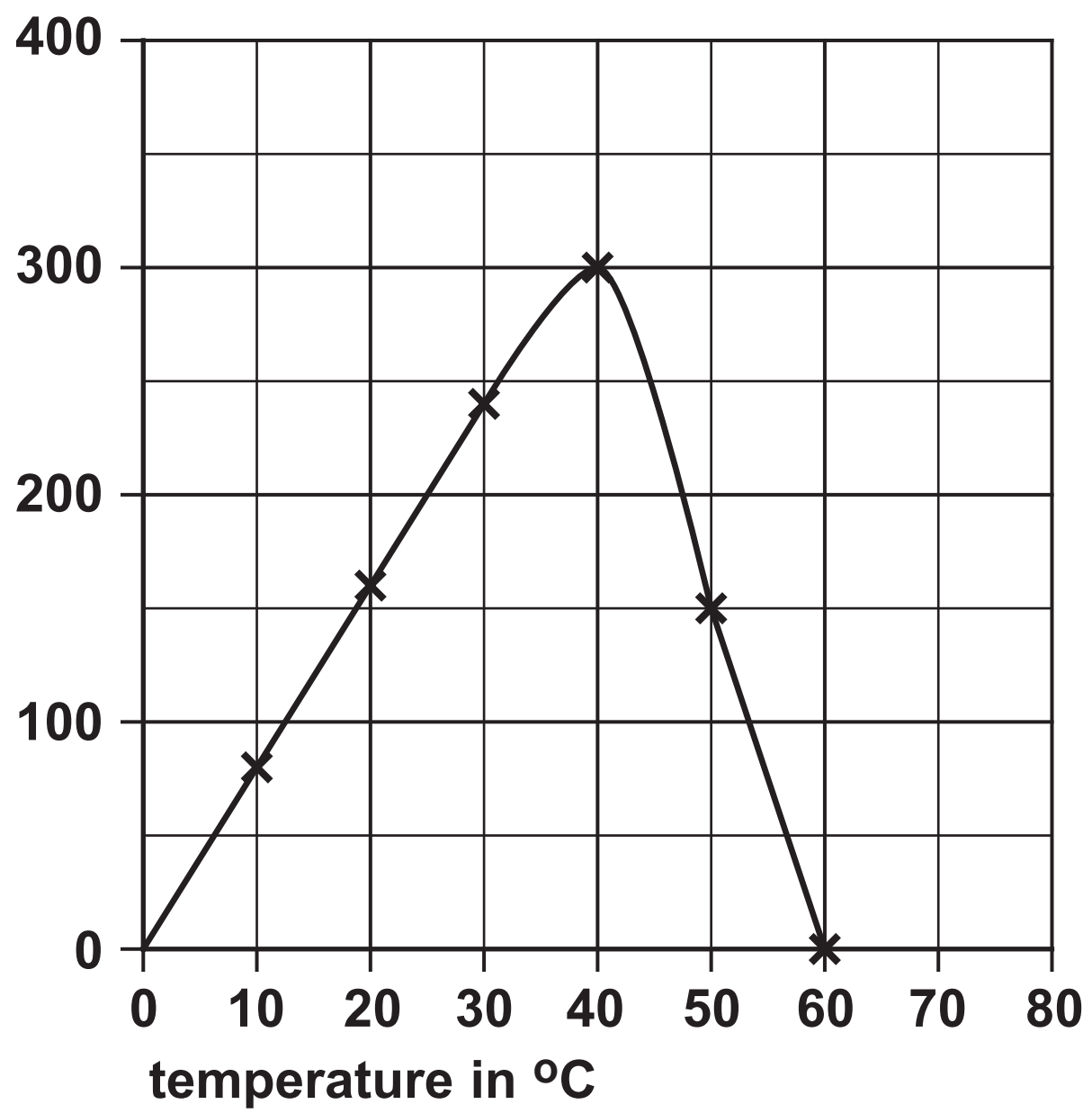
Figure 9



Question 6(a)

Figure 10

mass of product
formed in
milligrams



Question 6(b)

food group

carbohydrate

fat

products of digestion

fatty acids and glycerol

amino acids

glucose

starch

ethanol

Question 6(b) (Spare copy)

food group

carbohydrate

fat

products of digestion

fatty acids and glycerol

amino acids

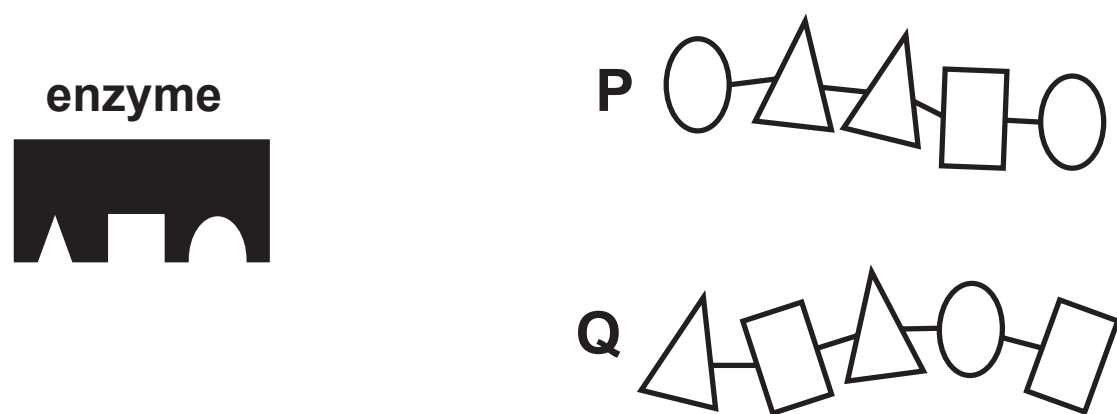
glucose

starch

ethanol

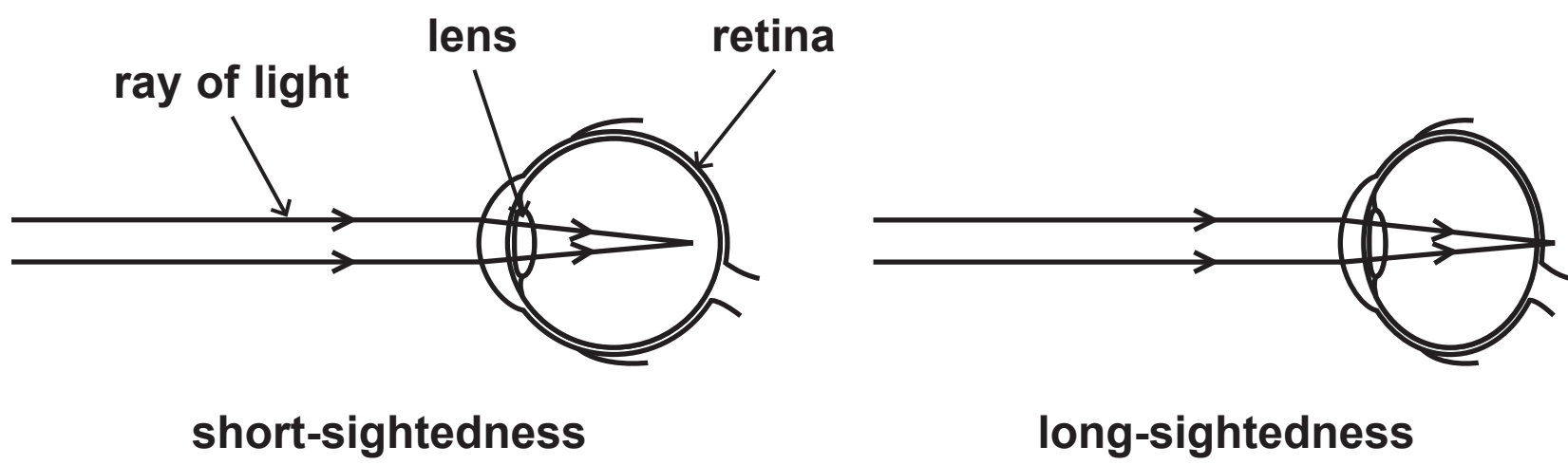
Question 6(c)

Figure 11



Question 7(d)

Figure 12



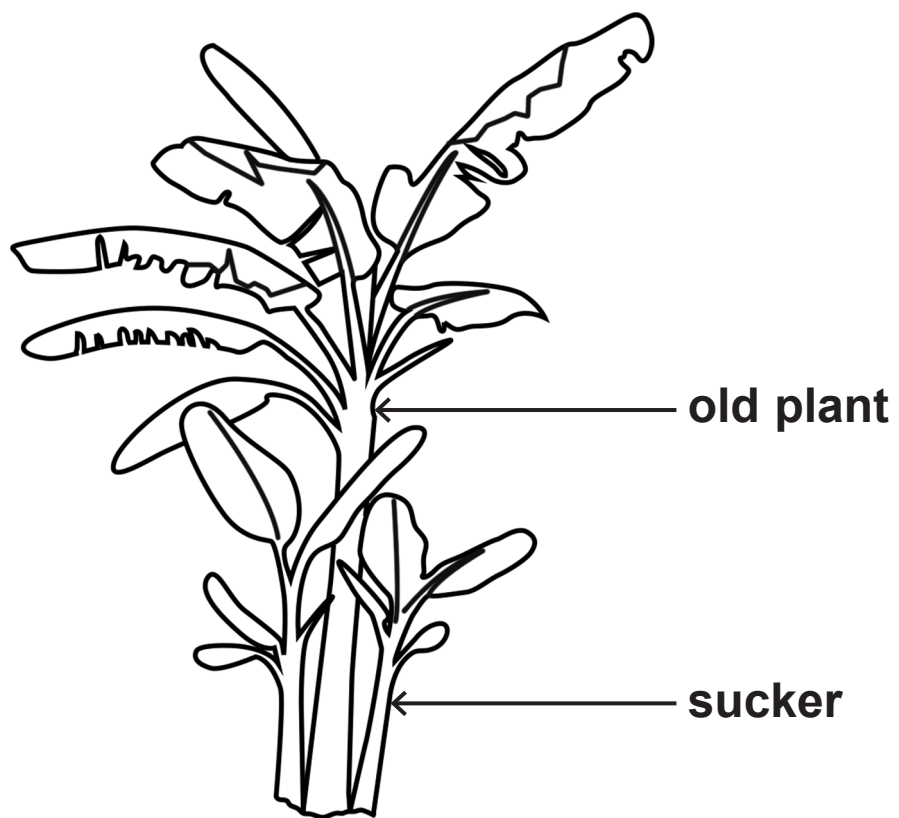
Question 8(d)

Figure 13

country	number of people diagnosed with measles per million of the population
Belgium	21·00
France	15·63
Germany	8·42
Italy	20·06
Norway	0·05

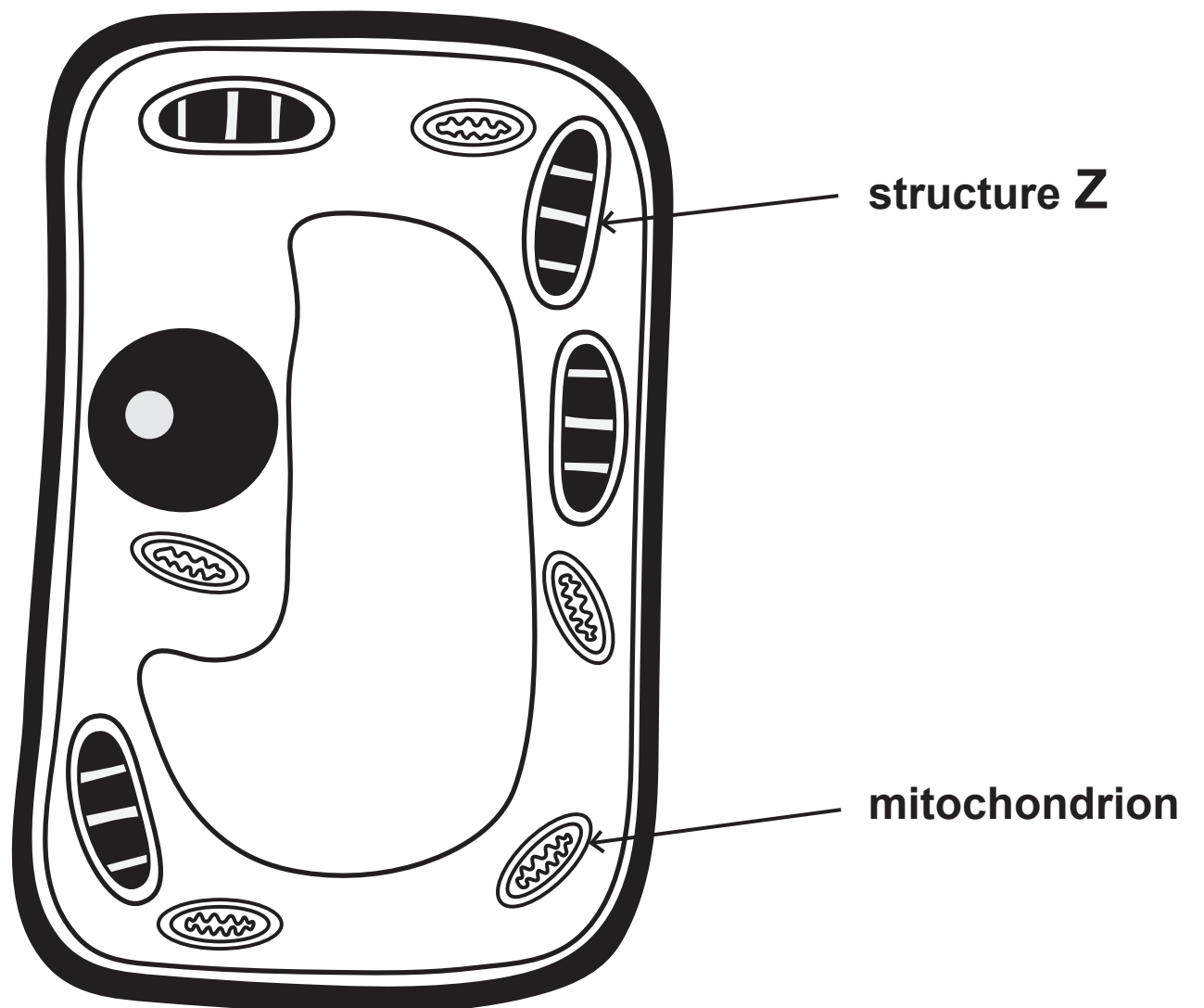
Question 9(a)

Figure 14



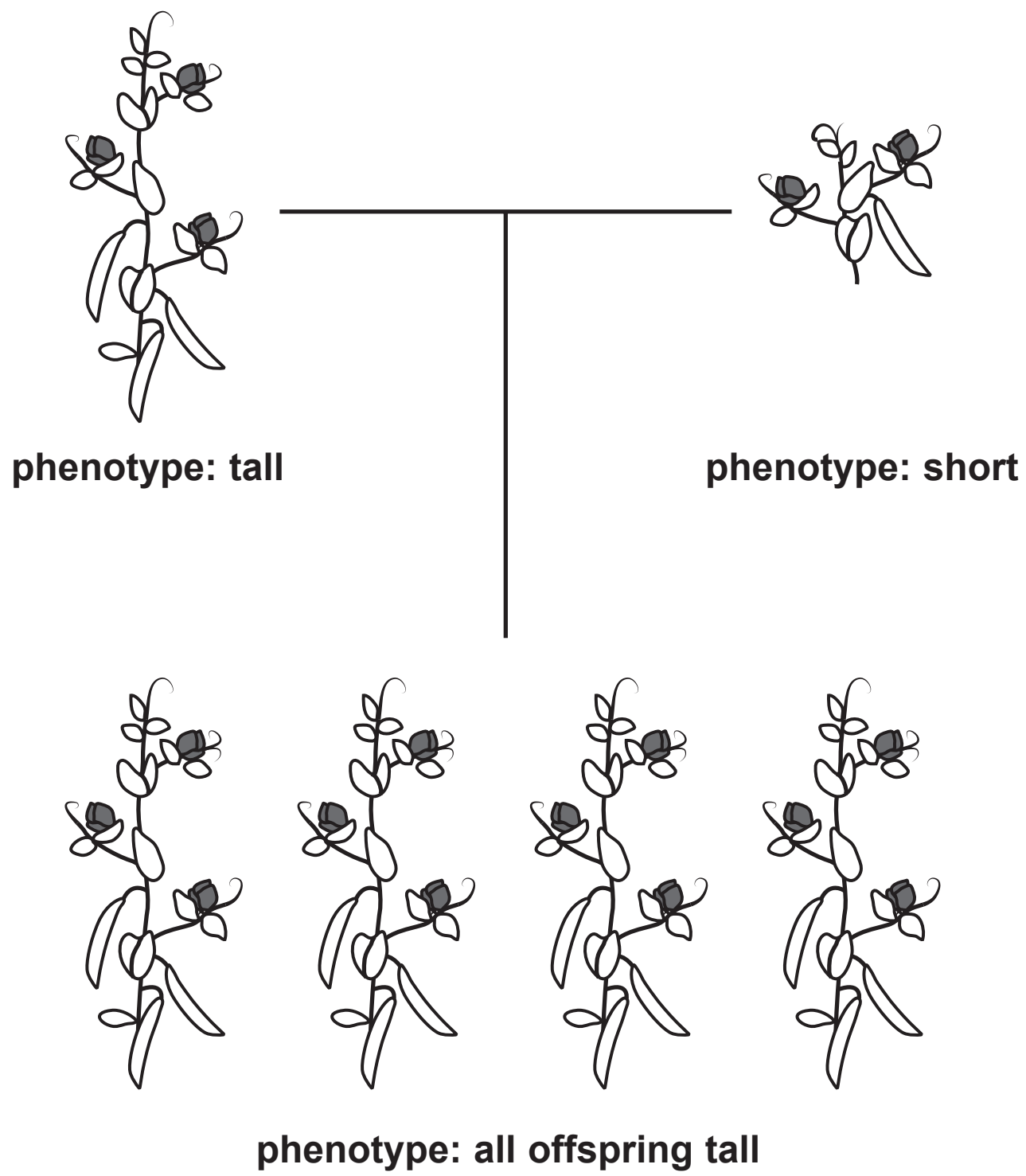
Question 9(b)

Figure 15



Question 10(a)

Figure 16



Question 10(b)(i)

Question 10(b)(i) (Spare copy)

Question 3(c)
© Aleksandar Kitanovic/123RF

Question 9(a)
© warner/Shutterstock