

Biology
Paper 1
Higher Tier

Tuesday 12 May 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.**

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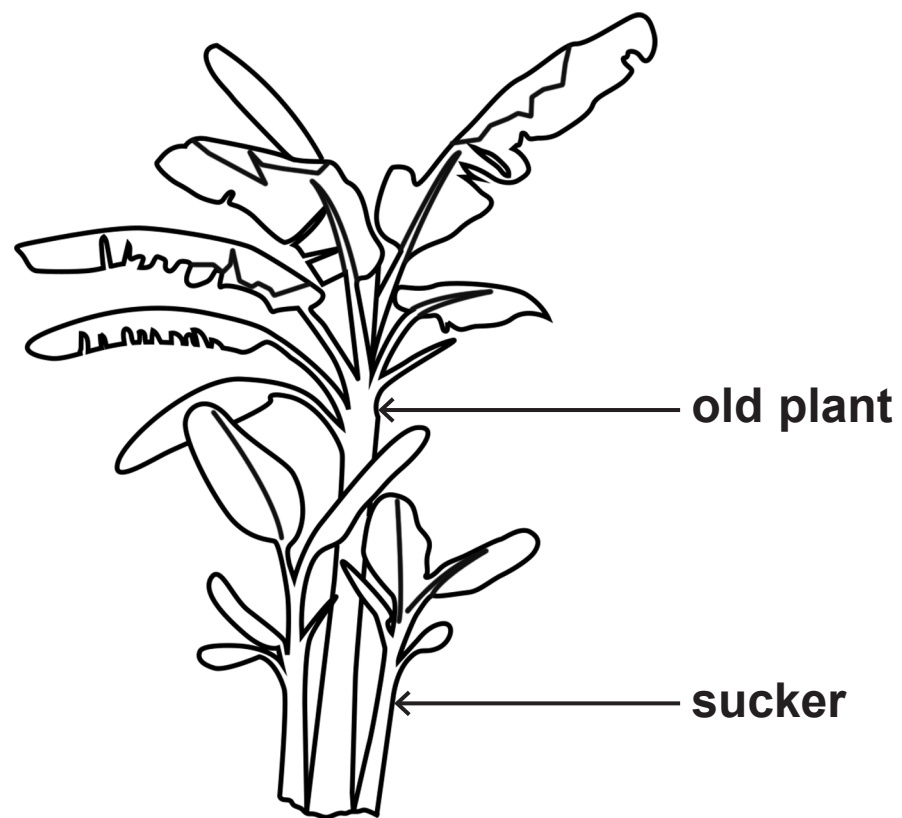
Question 2(c)

Figure 1

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

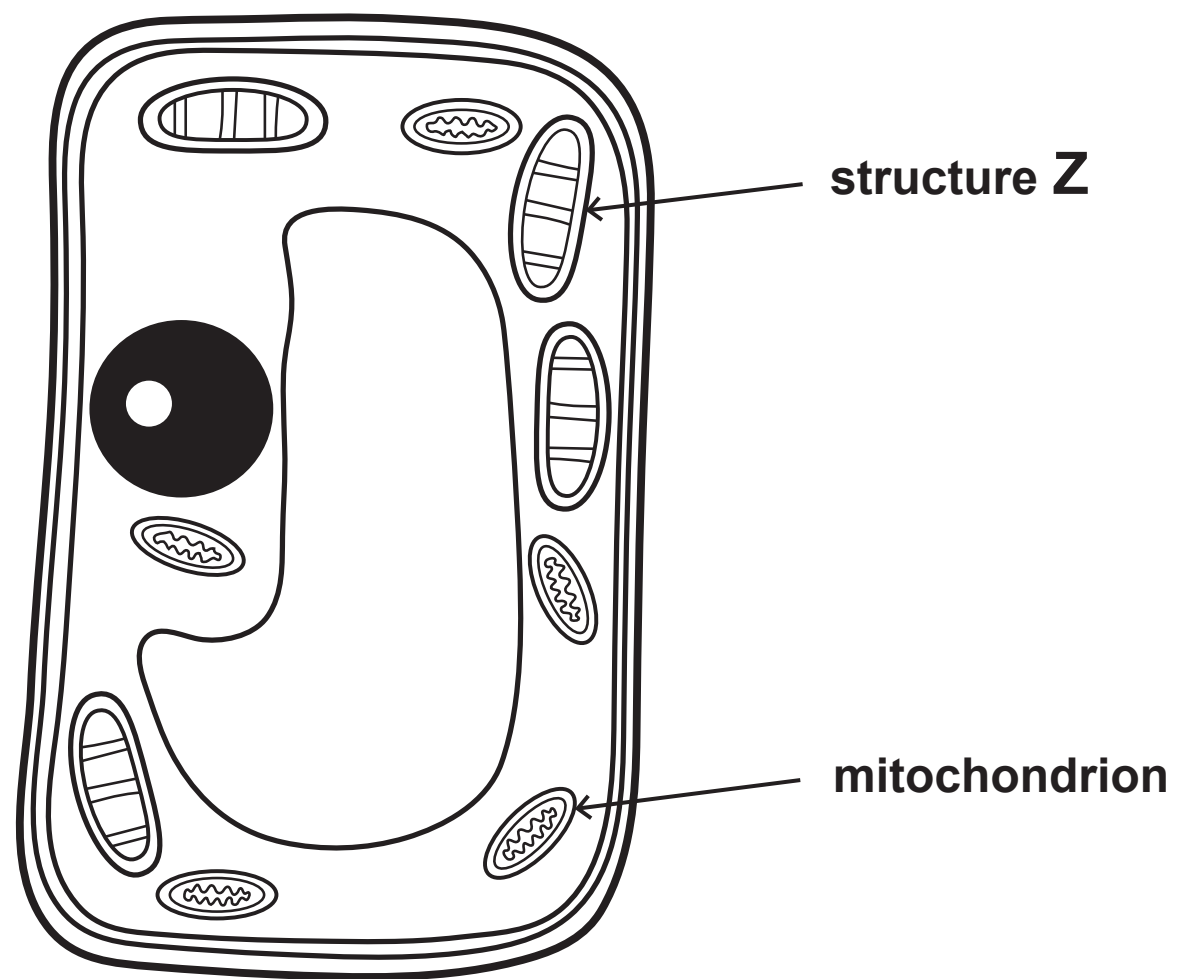
Question 3(a)

Figure 2



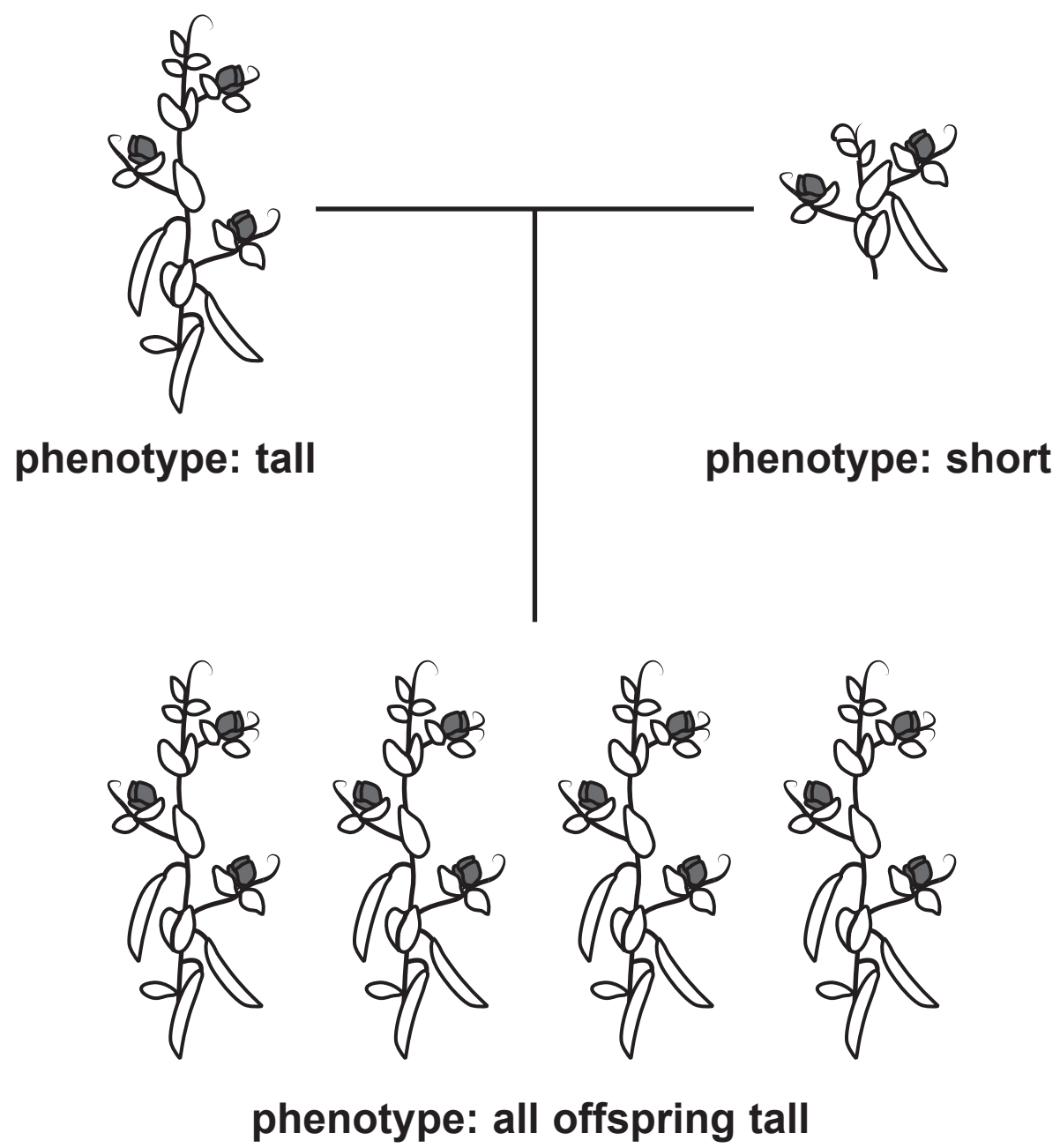
Question 3(b)

Figure 3



Question 4(a)

Figure 4



Question 4(b)(i)

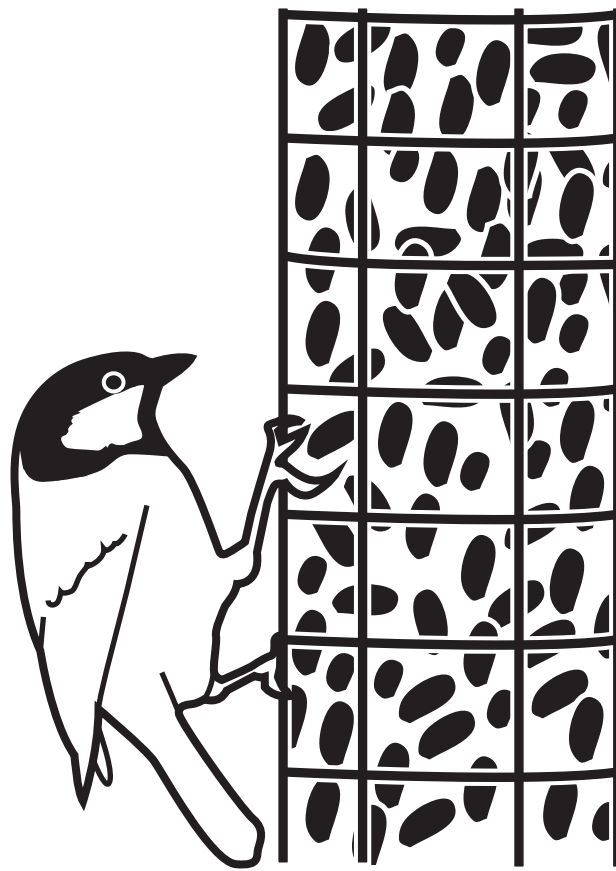
percentage probability of green-coloured peas = _____%

Question 4(b)(i) (Spare copy)

percentage probability of green-coloured peas = _____%

Question 5

Figure 5



Question 5(a)(i)

A	T	G	T	T	A	C	G	T
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:

Question 5(a)(i) (Spare copy)

A	T	G	T	T	A	C	G	T
:	:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:	:

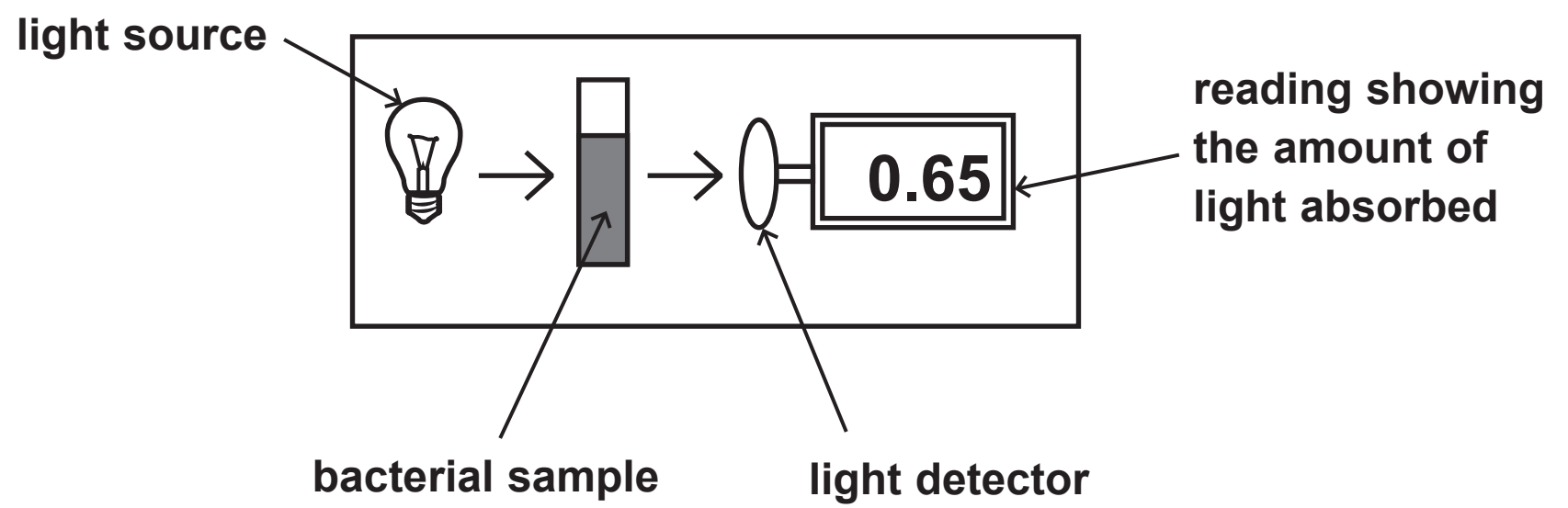
Question 6(a)

Figure 6

time in seconds	starch detected	glucose detected
0	Yes	No
30	Yes	No
60	Yes	Yes
90	Yes	Yes
120	Yes	Yes
150	No	Yes
180	No	Yes

Question 7(a)

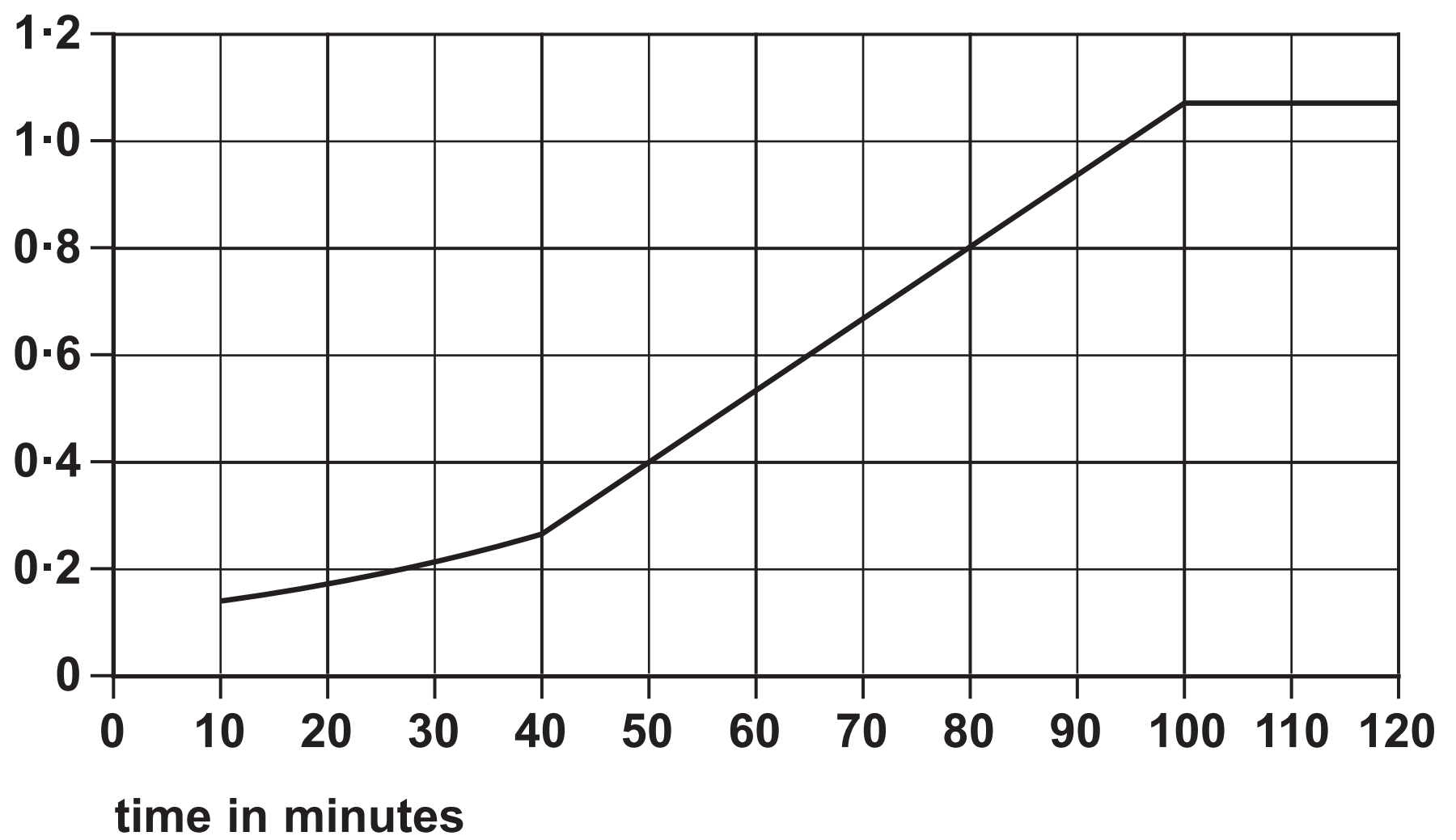
Figure 7



Question 7(a)(ii)

Figure 8

amount of light absorbed
by the bacterial sample
in arbitrary units



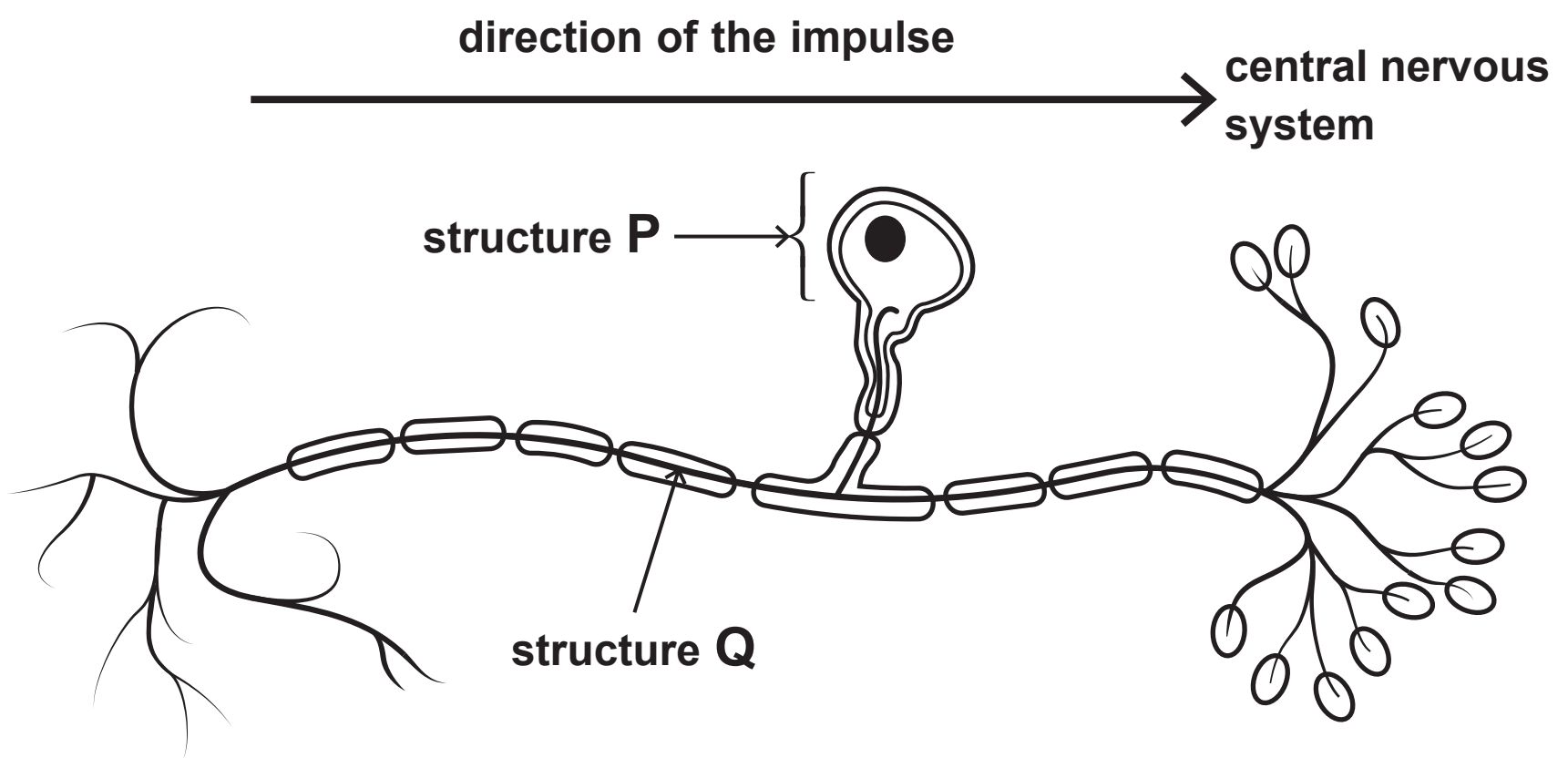
Question 8(a)

Figure 9

person	reaction time in seconds		
	before drinking the liquid	after drinking the liquid	difference
1	0.256	0.245	−0.011
2	0.234	0.232	−0.002
3	0.268	0.259	−0.009
4	0.254	0.248	−0.006
5	0.215	0.208	−0.007

Question 8(b)

Figure 10



Question 3(a)

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Question 5

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