

Combined Science  
Paper 1  
Higher Tier

Tuesday 12 May 2020 – Afternoon

Time: 1 hour 10 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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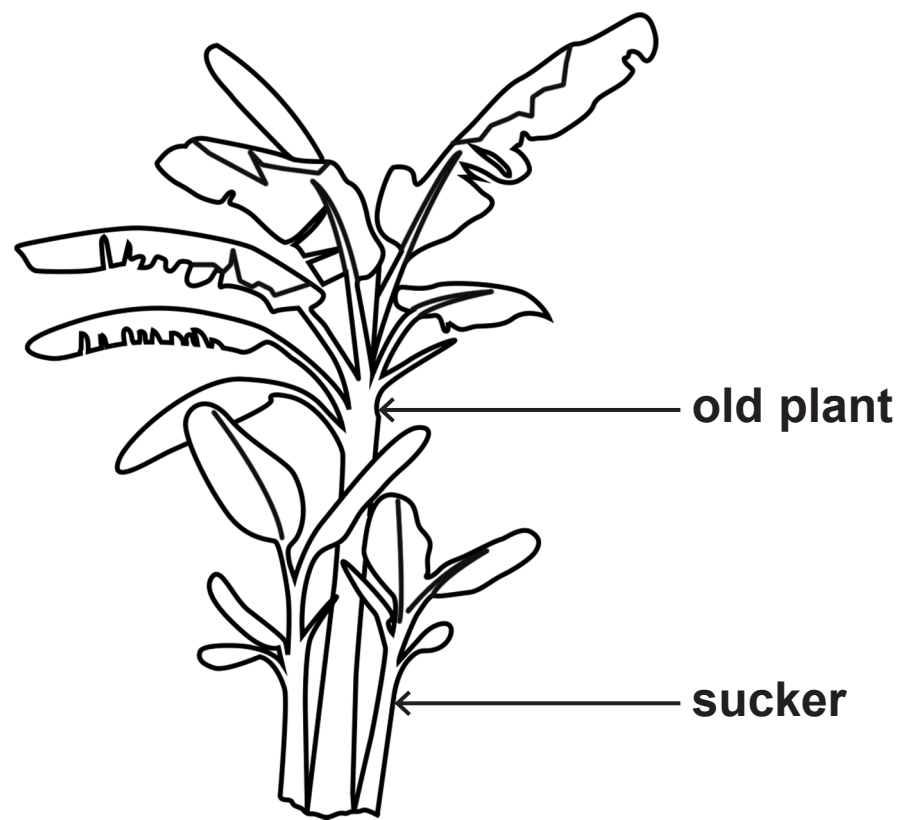
Question 1(c)

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

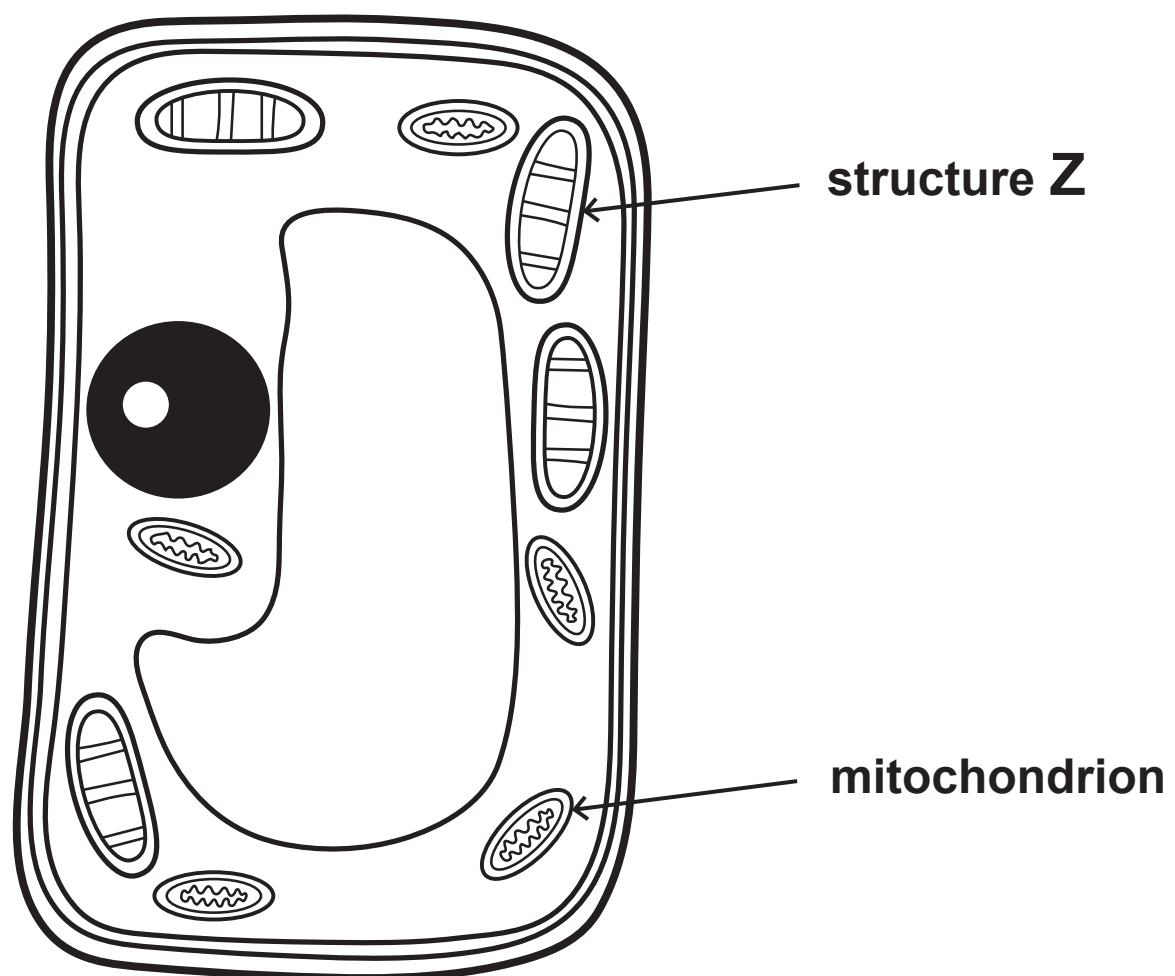
## Question 2

Figure 2



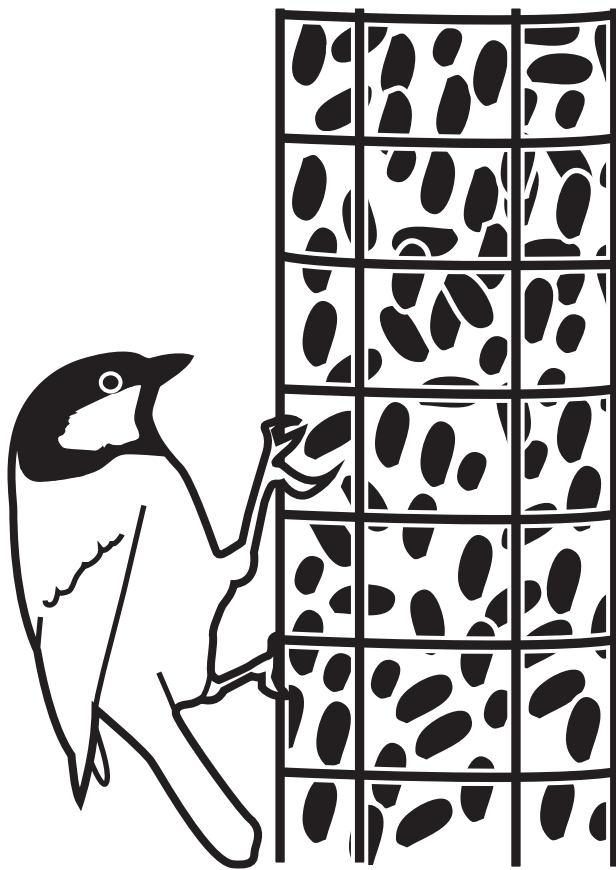
## Question 2(b)

Figure 3



## Question 3

Figure 4



Question 3(a)(i)

A	T	G	T	T	A	C	G	T
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮



Question 3(a)(i) (Spare copy)

A	T	G	T	T	A	C	G	T
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

Question 4(a)

Figure 5

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 5(a)

Figure 6

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 5(b)

Figure 7

