

Paper Reference(s) 4BI1/2B
Pearson Edexcel International GCSE (9–1)

Biology
Unit: 4BI1
PAPER: 2B

Diagram Booklet

INSTRUCTIONS

**THIS DIAGRAM BOOKLET MUST NOT BE RETURNED WITH
THE QUESTION PAPER AT THE END OF THE EXAMINATION.**

Contents

Page

4 Question 2(a)

5 Question 2(c)

6 Question 2(c)

7 Question 3(a)

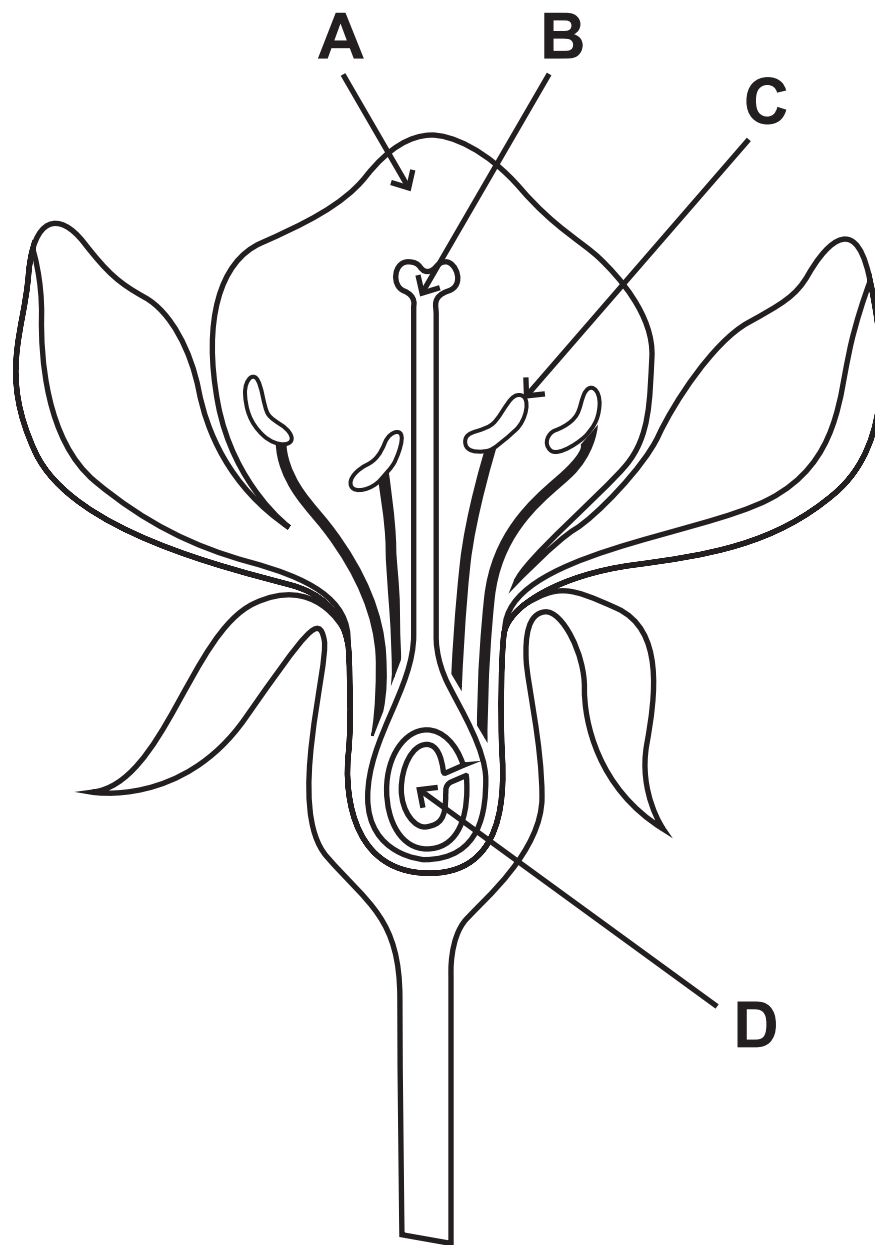
8 Question 3(b)

9 Question 4(a)

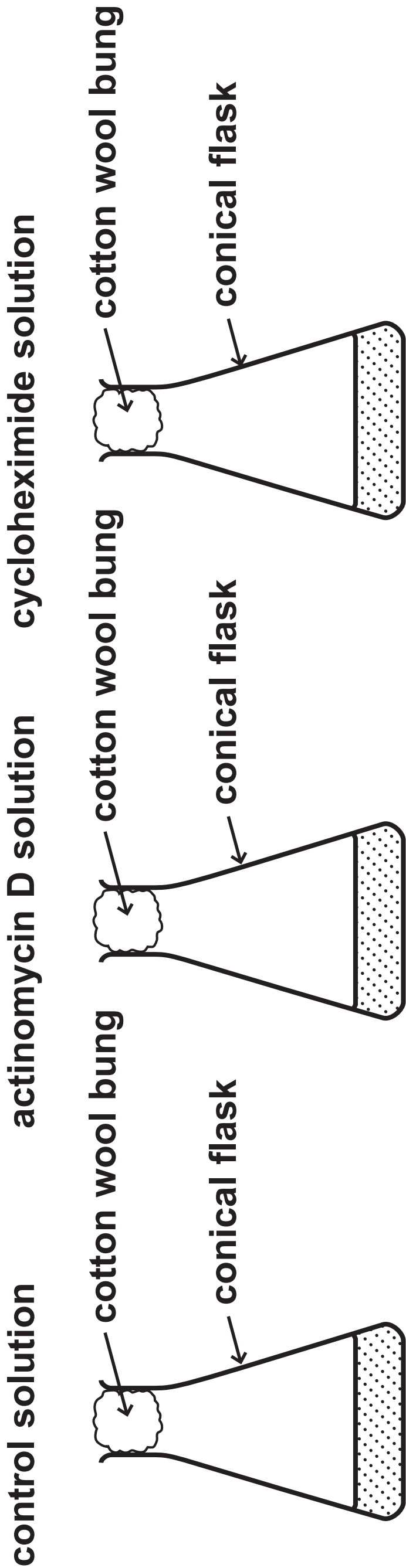
10 Question 4(b)

11 Question 6

Question 2(a)

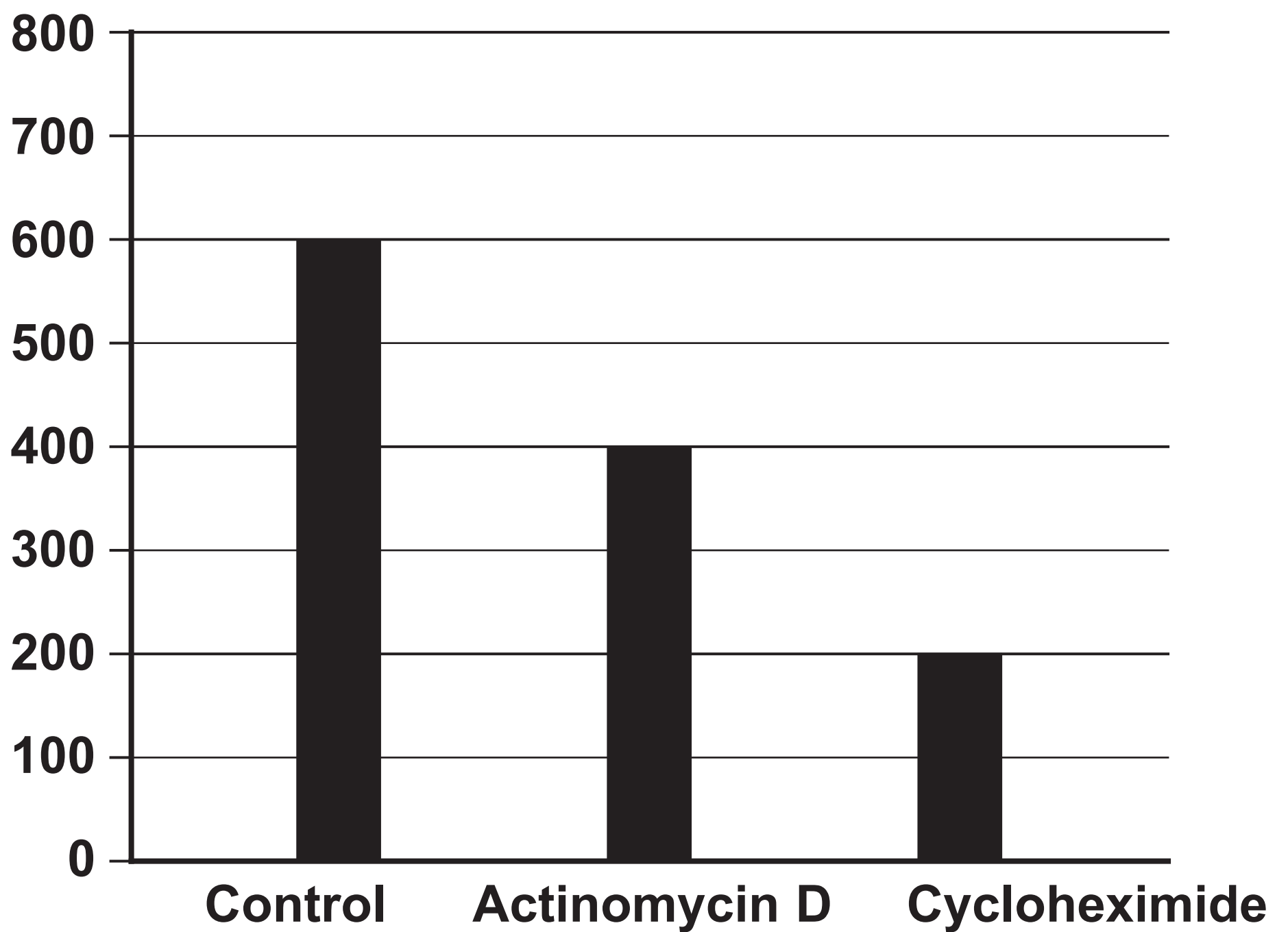


Question 2(c)

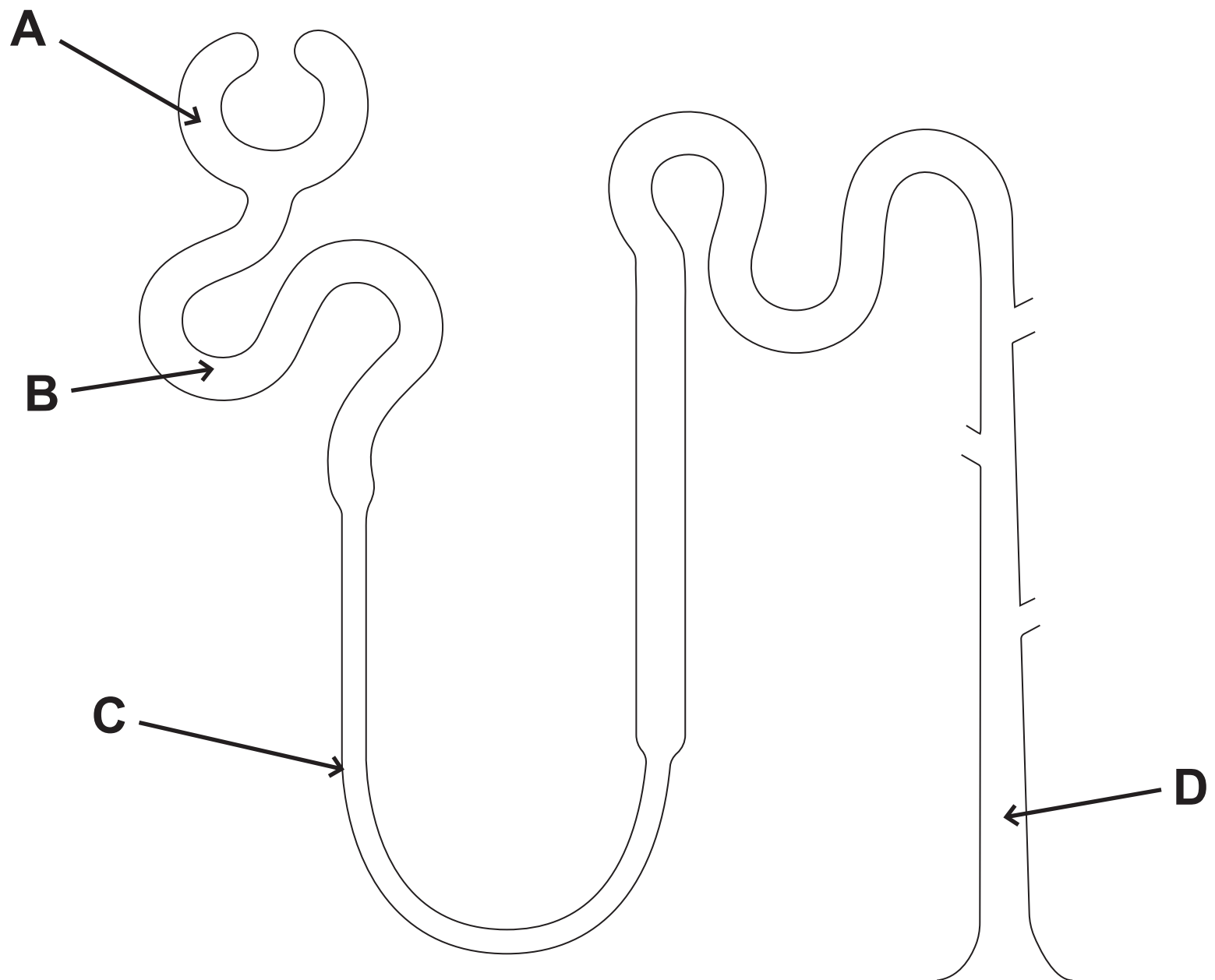


Question 2(c)

Mean pollen
tube length after
3 hours in μm



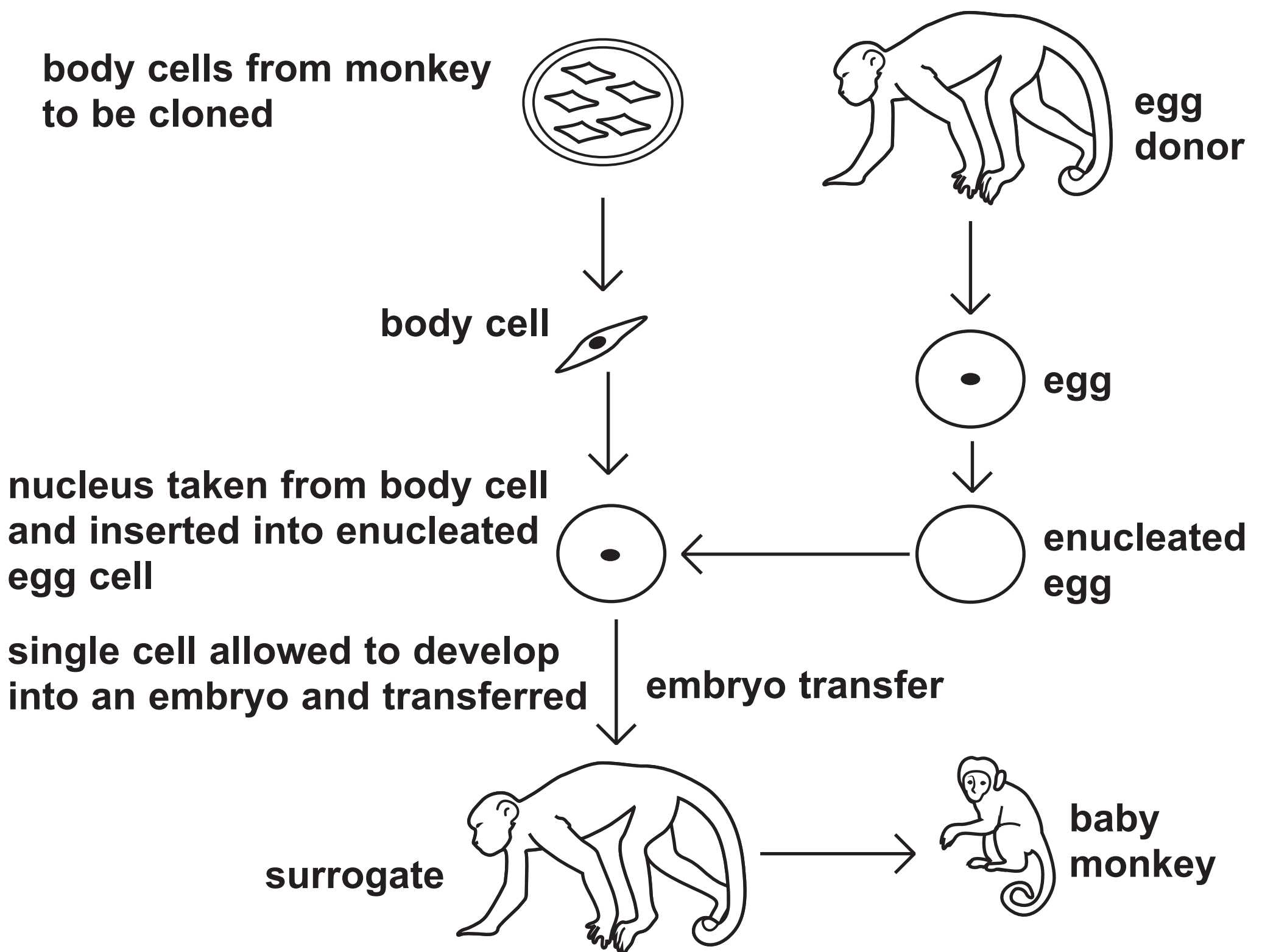
Question 3(a)



Question 3(b)

Substance	Mass of substance in g	
	part A	part D
glucose	180	0
water	180 000	1500
urea	53	25

Question 4(a)



Question 4(b)

Source of body cells	Number of surrogates used	Number of successful pregnancies	Offspring produced
adult	42	22	2 short-lived
fetus	21	6	2 healthy

Species	Field A						
	Number of plants in each quadrat						Number of plants per m ²
	First	Second	Third	Fourth	Fifth	Mean	
dandelion	7	0	6	3	4	4	16
buttercup	2	1	0	3	2	2	6
violet	1	0	2	1	2	1	5
heather	2	3	1	2	1	2	7

Species	Field B						
	Number of plants in each quadrat						Number of plants per m ²
	First	Second	Third	Fourth	Fifth	Mean	
dandelion	7	3	2	1	2		
buttercup	0	0	0	0	0	0	0
violet	0	0	0	1	0	0	0
heather	0	0	0	0	0	0	0