

Paper Reference(s) 1SC0/2BH
Pearson Edexcel Level 1/Level 2 GCSE
(9–1)

Combined Science
PAPER 4
Higher Tier

Diagram Booklet

INSTRUCTIONS

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

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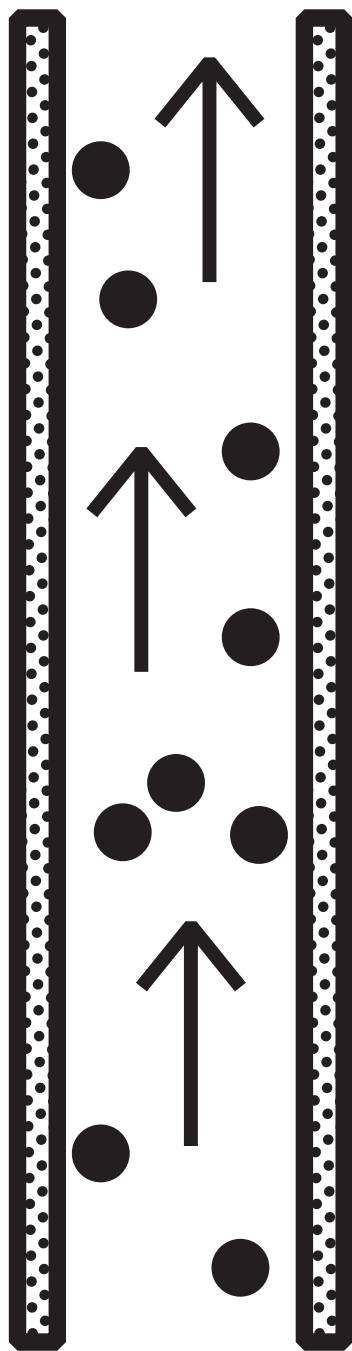
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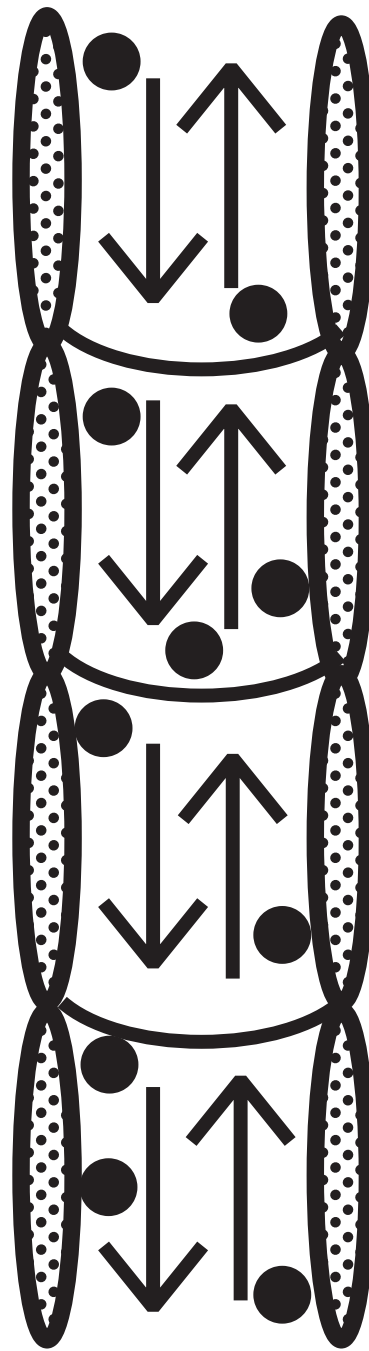
Question 1(a)

Figure 1

xylem



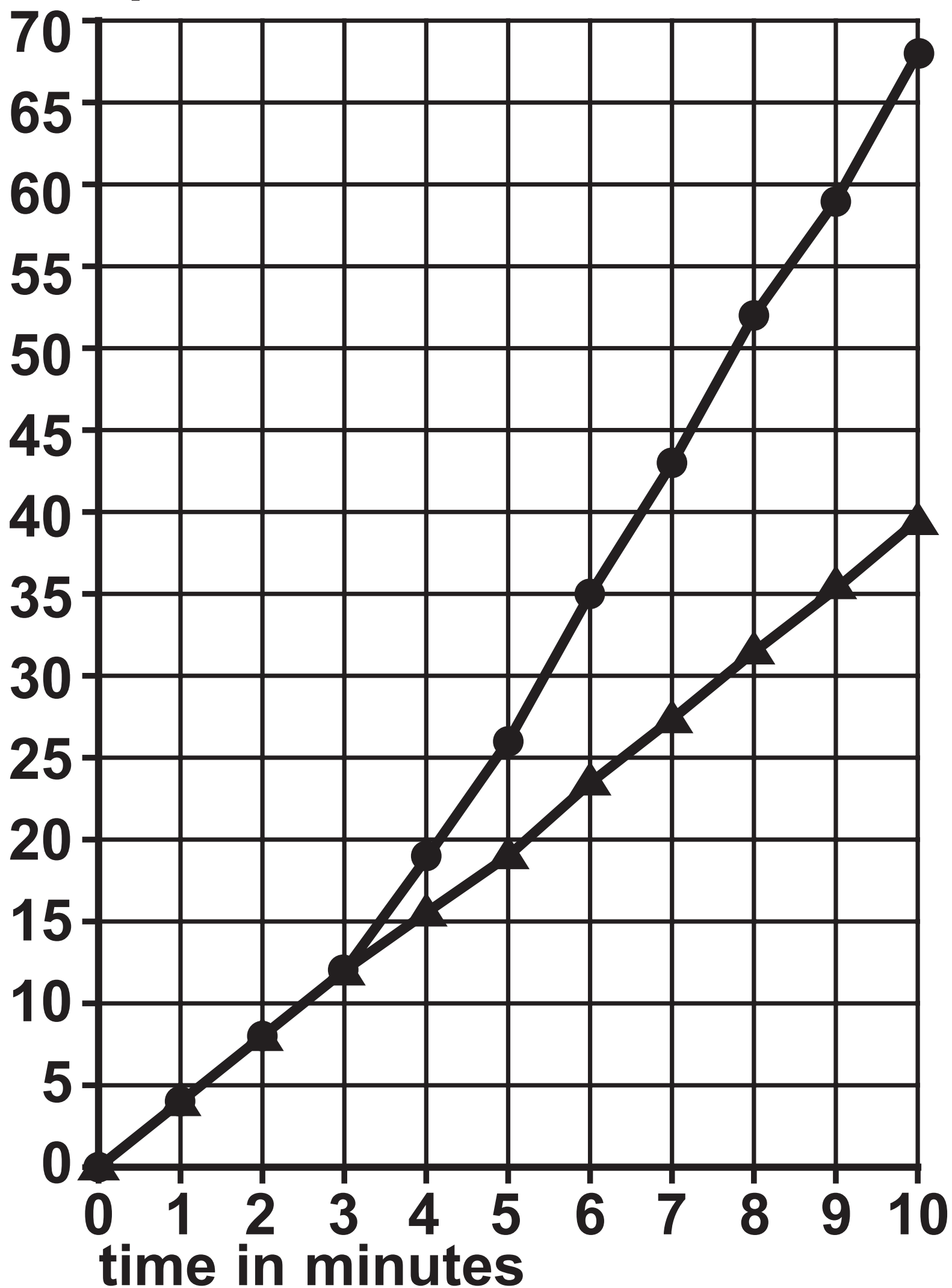
phloem



Question 1(b)

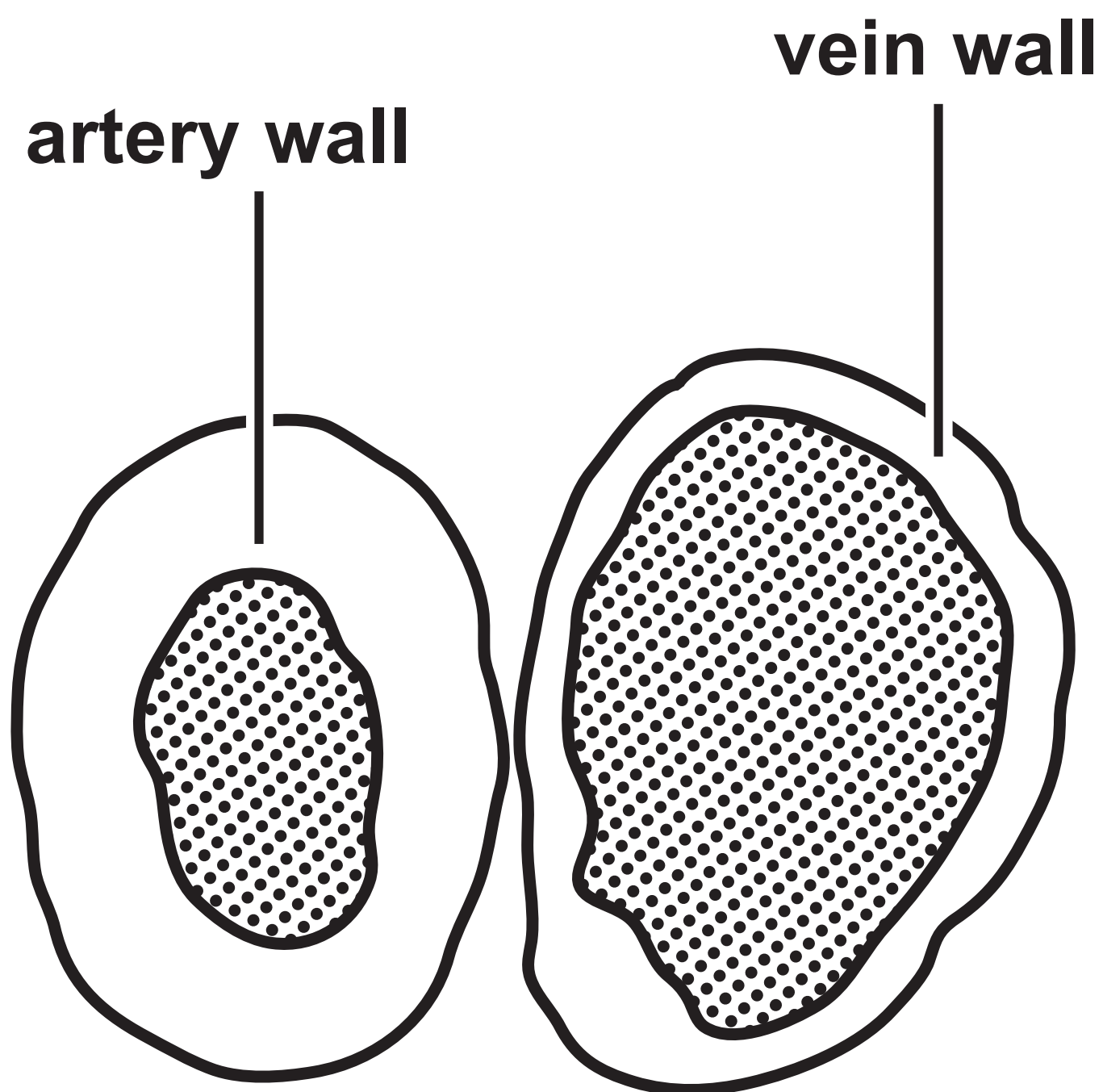
Figure 2

—●— fan switched on after three minutes
—▲— fan not switched on
volume of water taken up
by the plant in mm^3



Question 2(a)

Figure 3



Question 4(c)

Figure 6

blood test	woman's result	normal range
TSH level	5.6 mU/l	0.4 to 4.9 mU/l
thyroxine level	27.5 pmol/l	9.0 to 21.0 pmol/l
red blood cell count	5.2×10^6 cells/ μ l	4.2 to 5.4×10^6 cells/ μ l
glucose level	82.0 mg/dl	72.0 to 99.0 mg/dl

Question 5(a)(iii)

Figure 8

type of exercise	heart rate in bpm				
	0 minutes	5 minutes	10 minutes	15 minutes	20 minutes
running	90	156	168	180	180
walking	90	96	90	96	90

Question 6(a)

Figure 9

month	number marked in the first sample	size of the second sample	number of recaptured animals	population size
March	18	22	8	50
July	12	18	10	

Question 2(a)

**(Source adapted from: © The University of
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