

Combined Science
PAPER 1
Foundation Tier

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.**

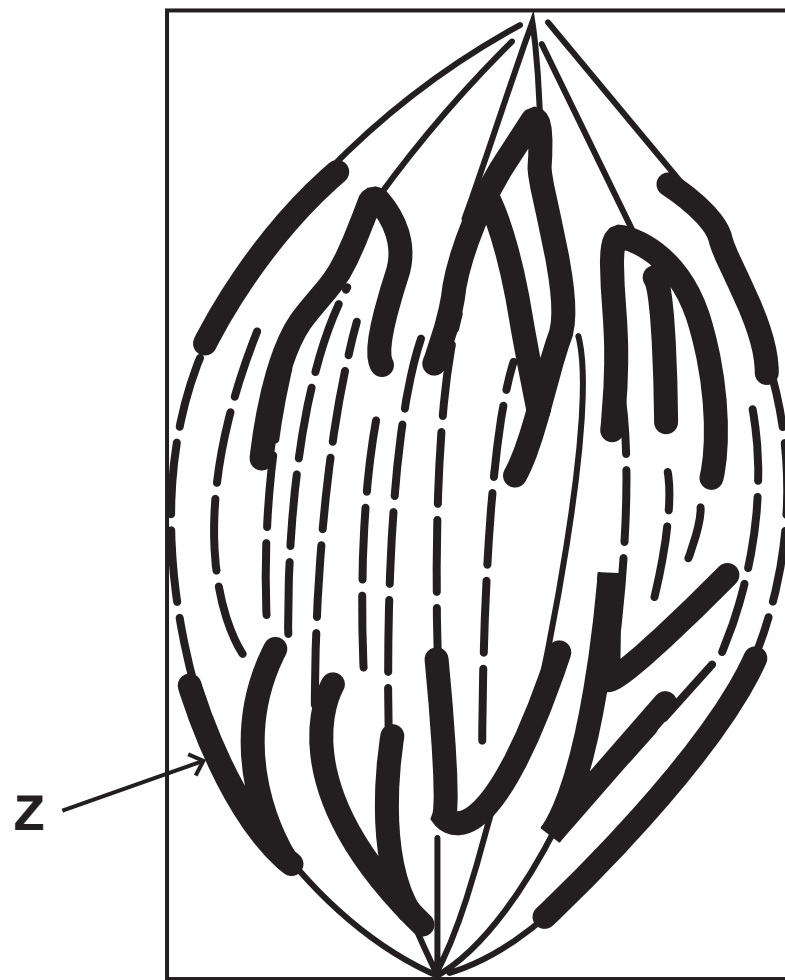
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Question 1(a)

Figure 1



Question 1(a)(iii)

STAGE OF CELL CYCLE	DESCRIPTION
	the nuclear membrane breaks down
interphase	two nuclei are formed
	the cell divides in two
cytokinesis	a spindle is formed
	DNA is copied

Question 1(a)(iii)

STAGE OF CELL CYCLE

DESCRIPTION

interphase

the nuclear membrane
breaks down

two nuclei are formed

the cell divides in two

cytokinesis

a spindle is formed

DNA is copied

Question 2(b)

Figure 2

type of cattle	survival in high temperatures	meat quality
Brahman	good	poor
Shorthorn	poor	good

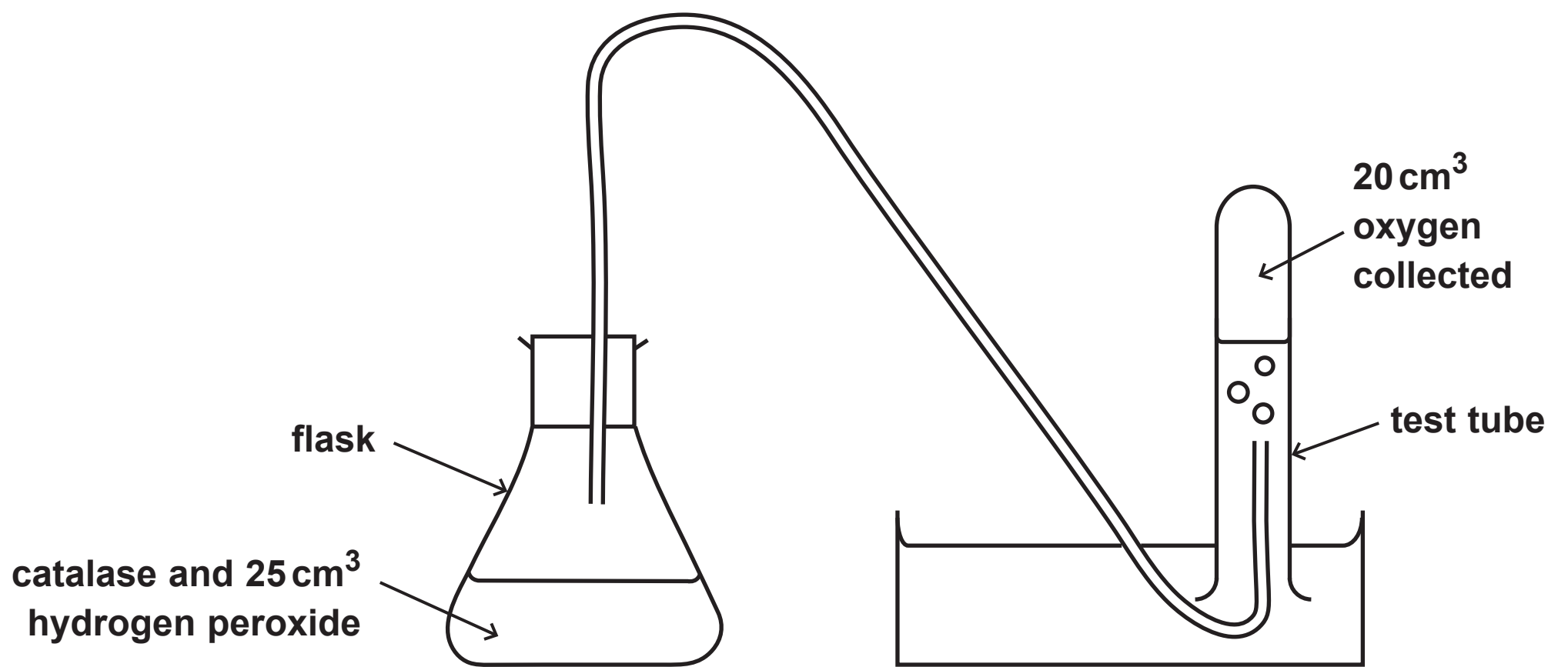
Question 3(b)

Figure 5

carrot stick	mass at the start in grams	mass after two hours in grams	change in mass in grams
P	4.0	4.9	0.9
Q	4.2	5.0	0.8
R	4.1	5.0	0.9

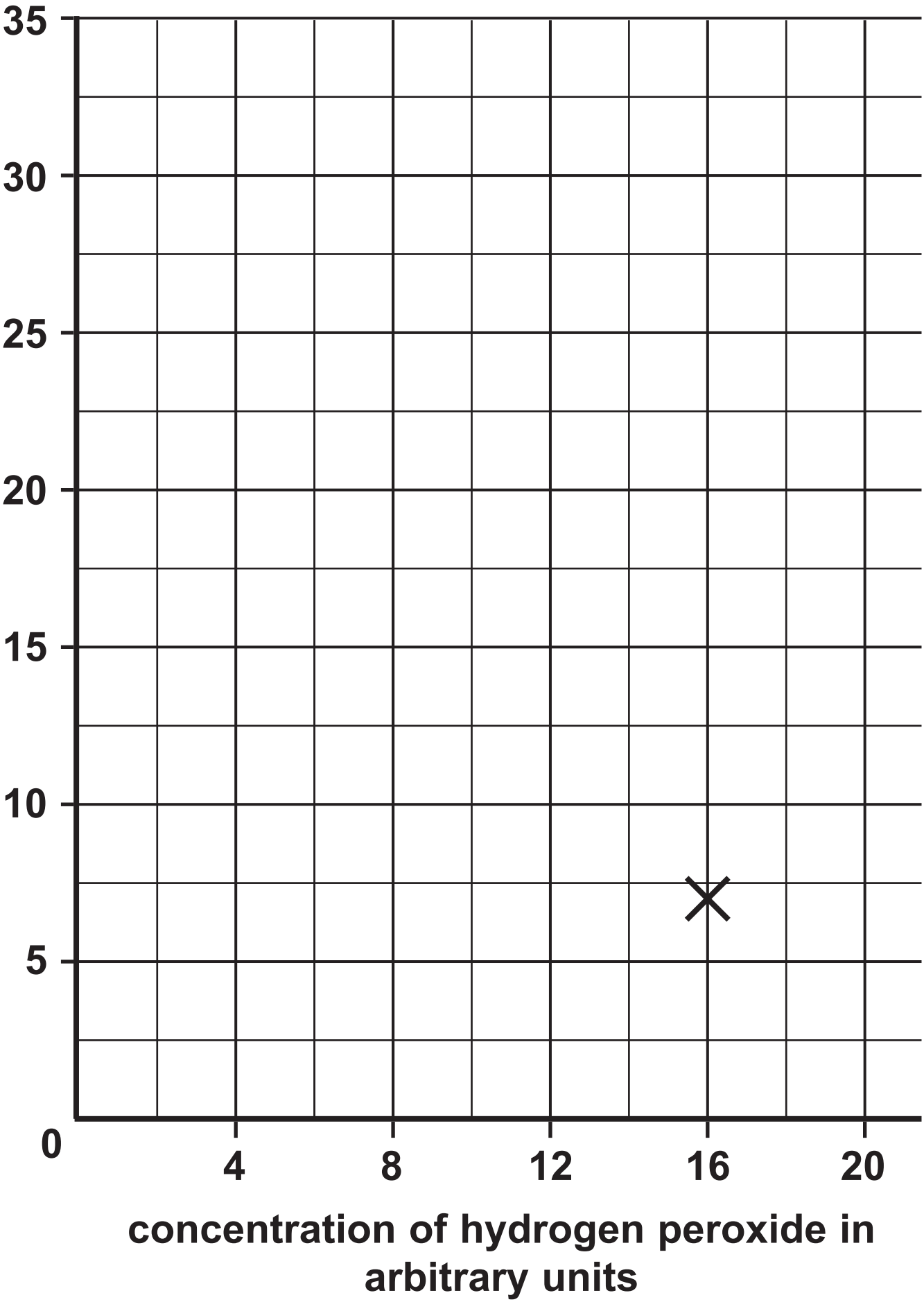
Question 4(b)

Figure 6



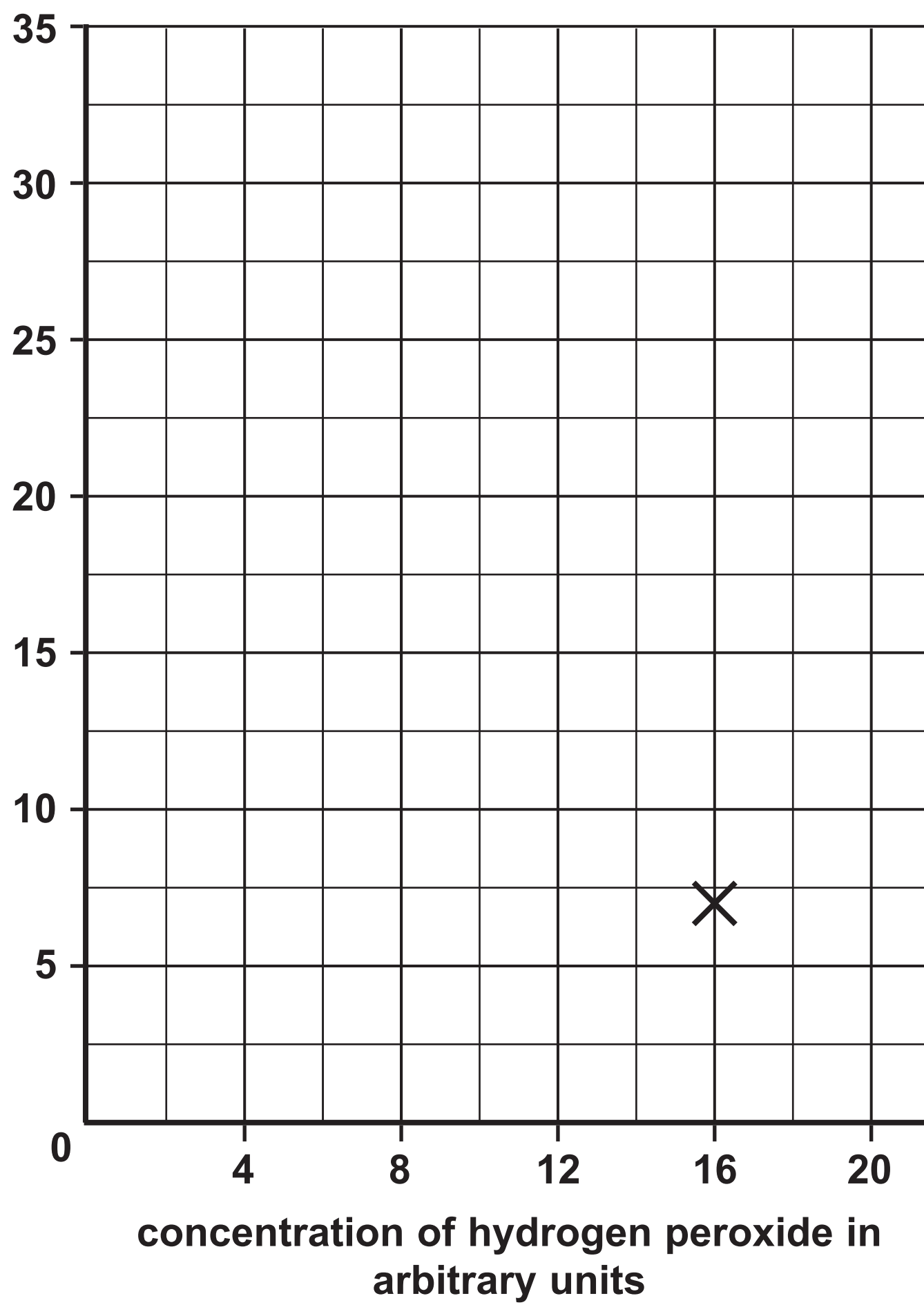
Question 4(b)(iii)

time taken to
collect 20 cm³
of oxygen
in seconds



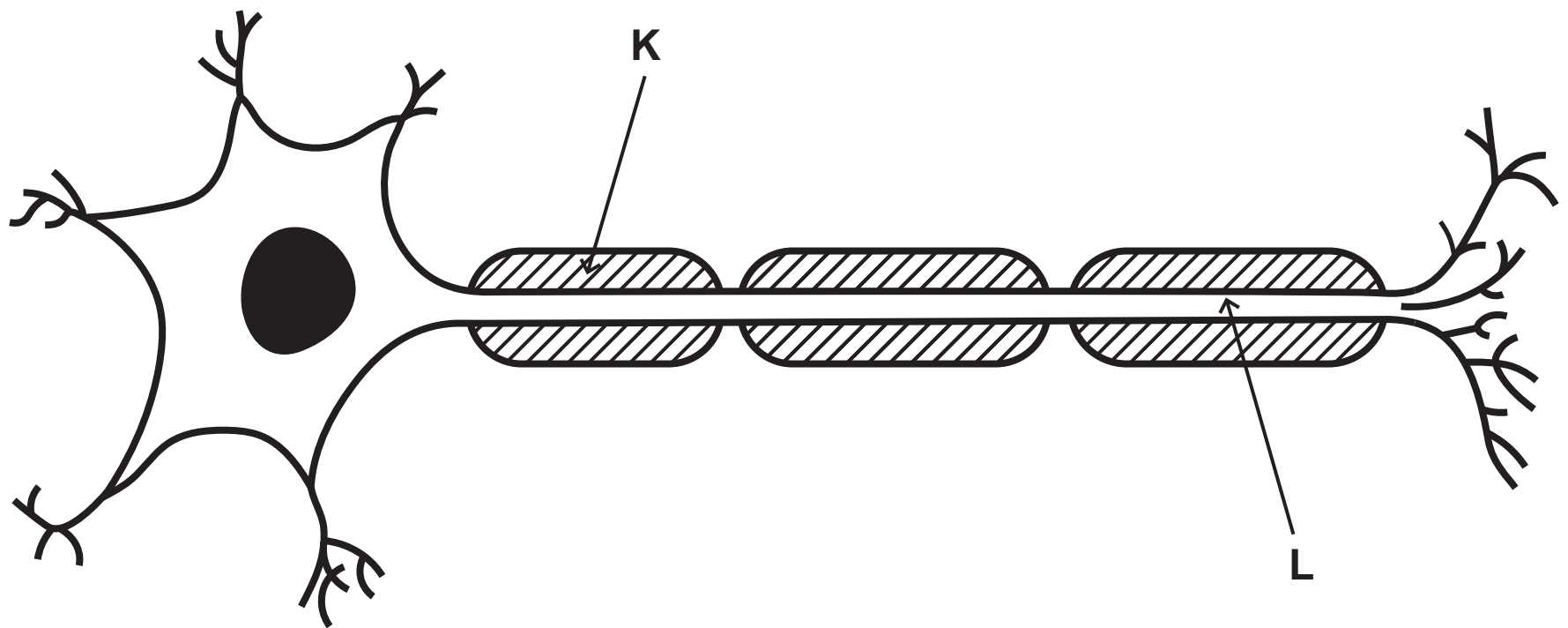
Question 4(b)(iii)

time taken to
collect 20 cm^3
of oxygen
in seconds



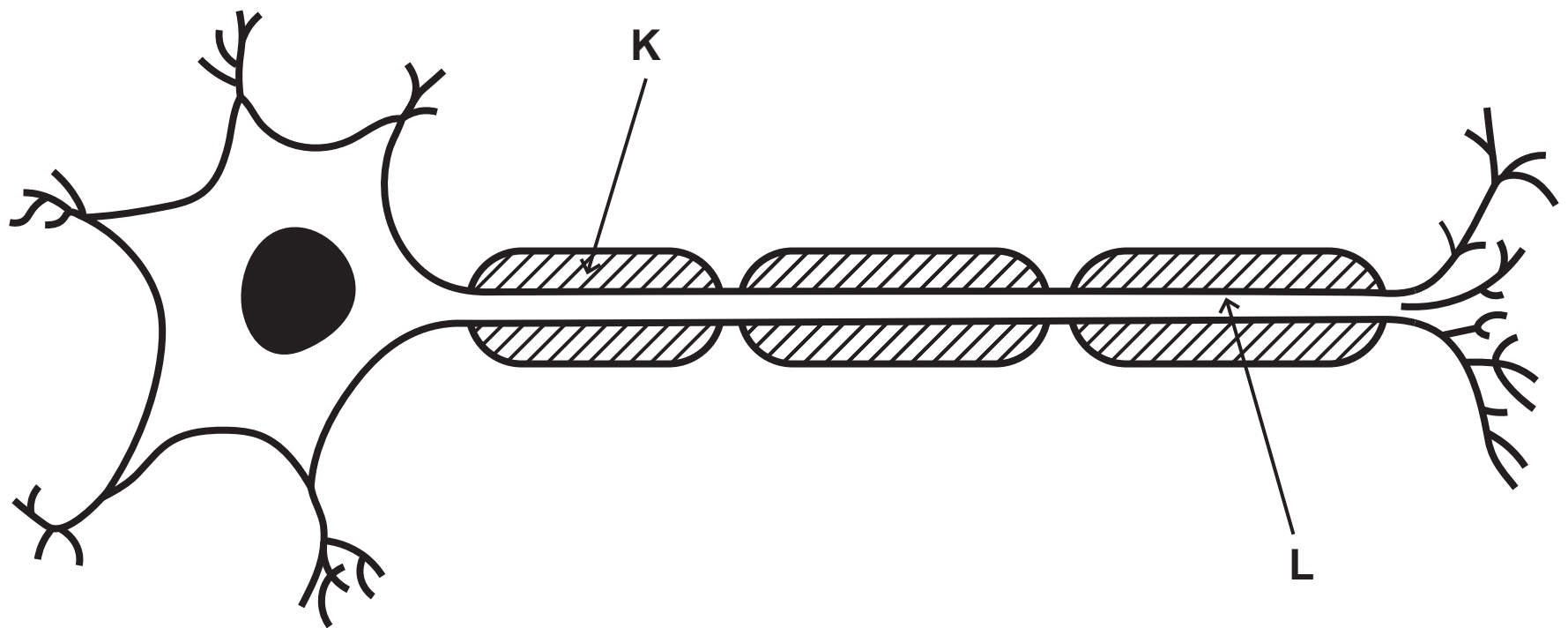
Question 5(a)

Figure 8



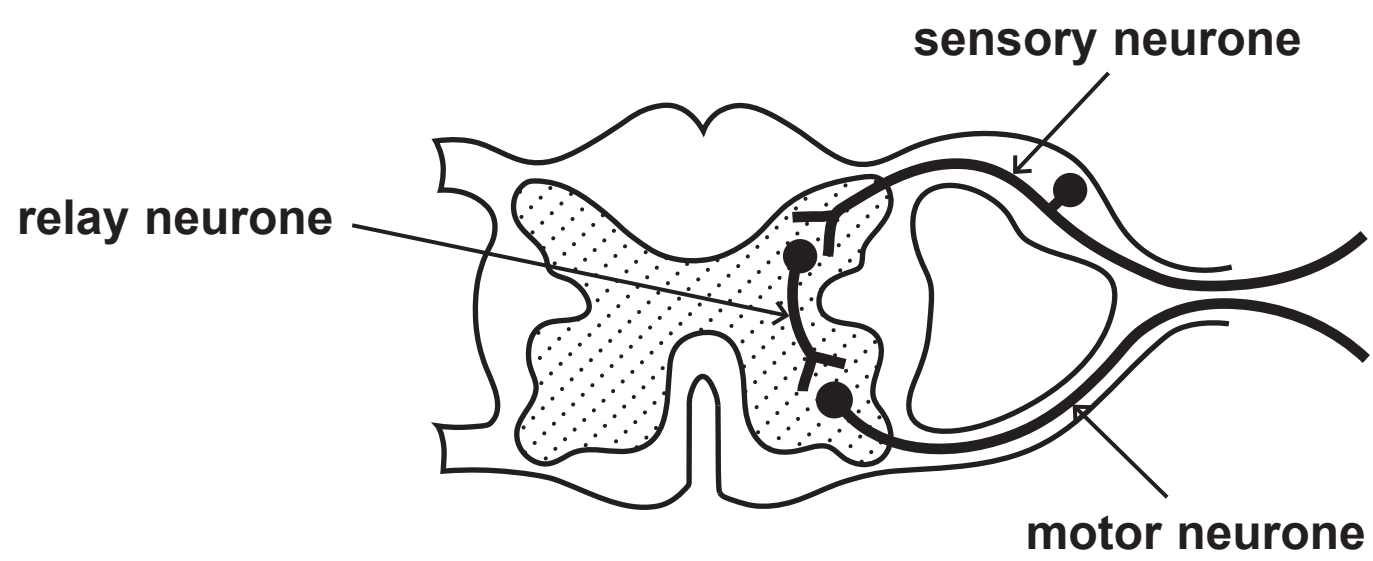
Question 5(a)

Figure 8



Question 5(b)

Figure 9



Question 5(c)

Figure 10

student	reaction time in milliseconds
1	245
2	200
3	210
4	215
5	225

Question 6(b)(iii)

Question 6(b)(iii)
