

**Biology**  
**UNIT: 4BI1**  
**Science (Double Award) 4BI1/4SD0**  
**PAPER: 1B**

**Tuesday 16 May 2023 – Morning**

**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.**

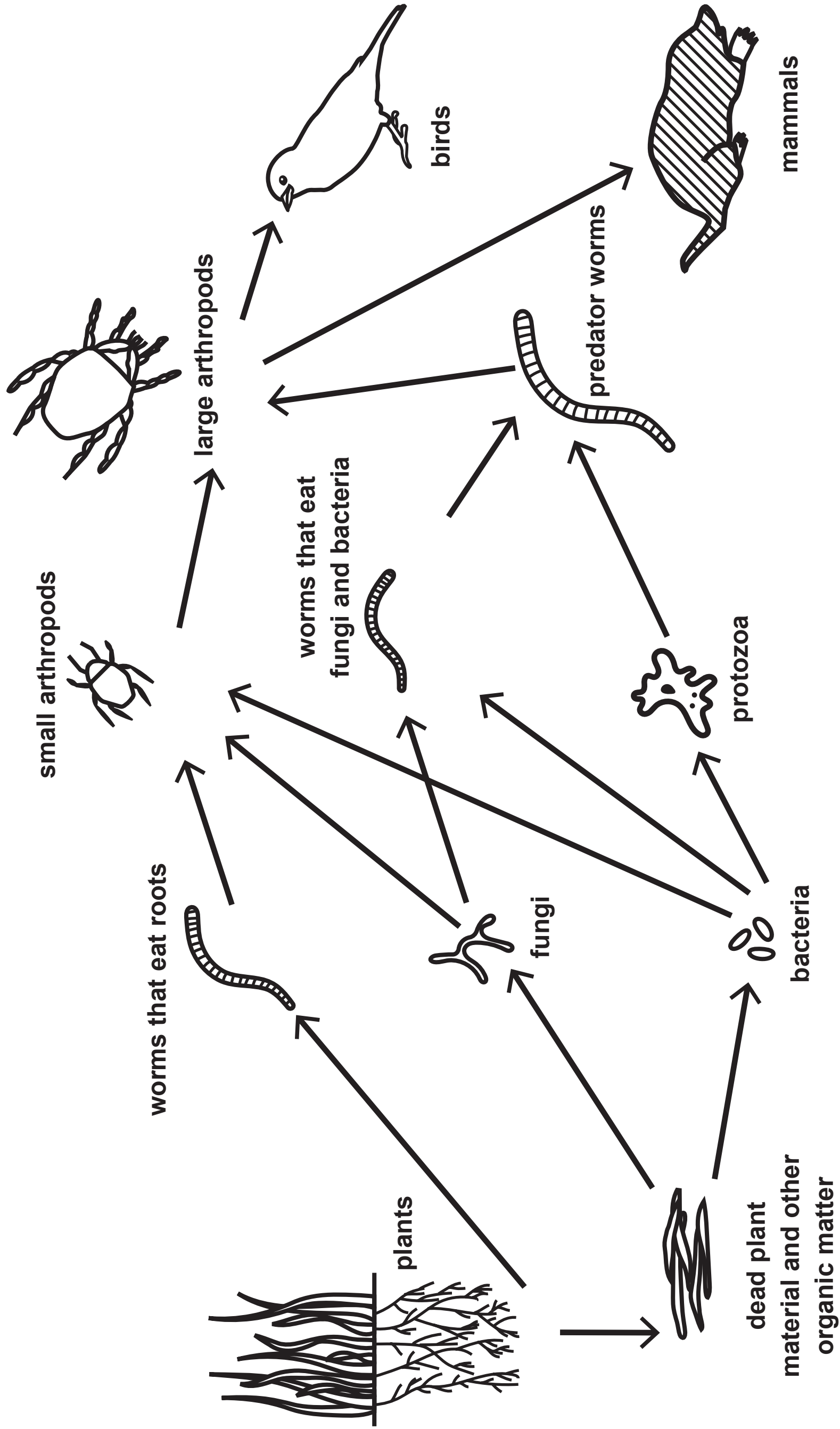
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**Question 2(a)(i) – Blank**

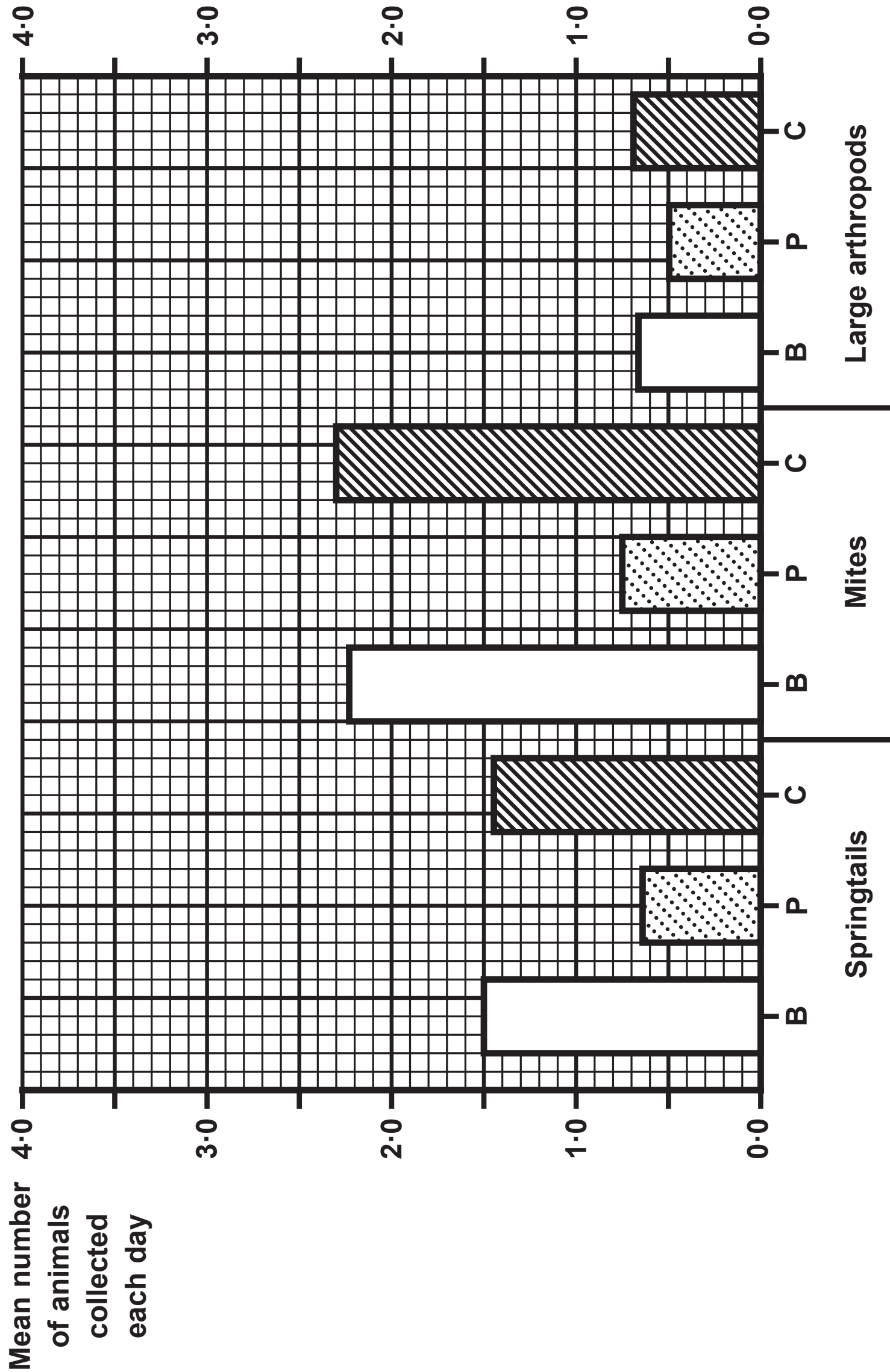
Question 2(c)

KEY

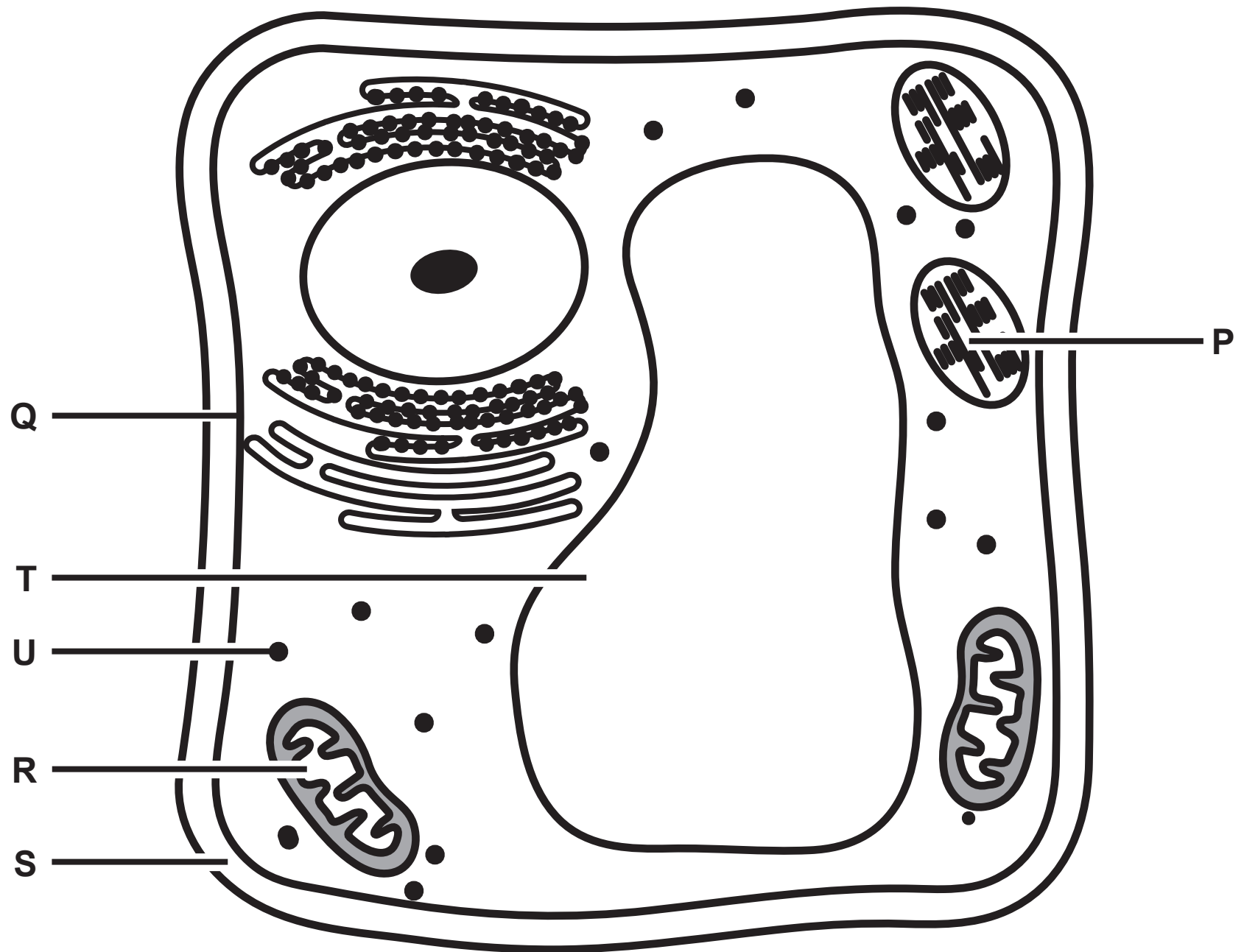
B = basket trap

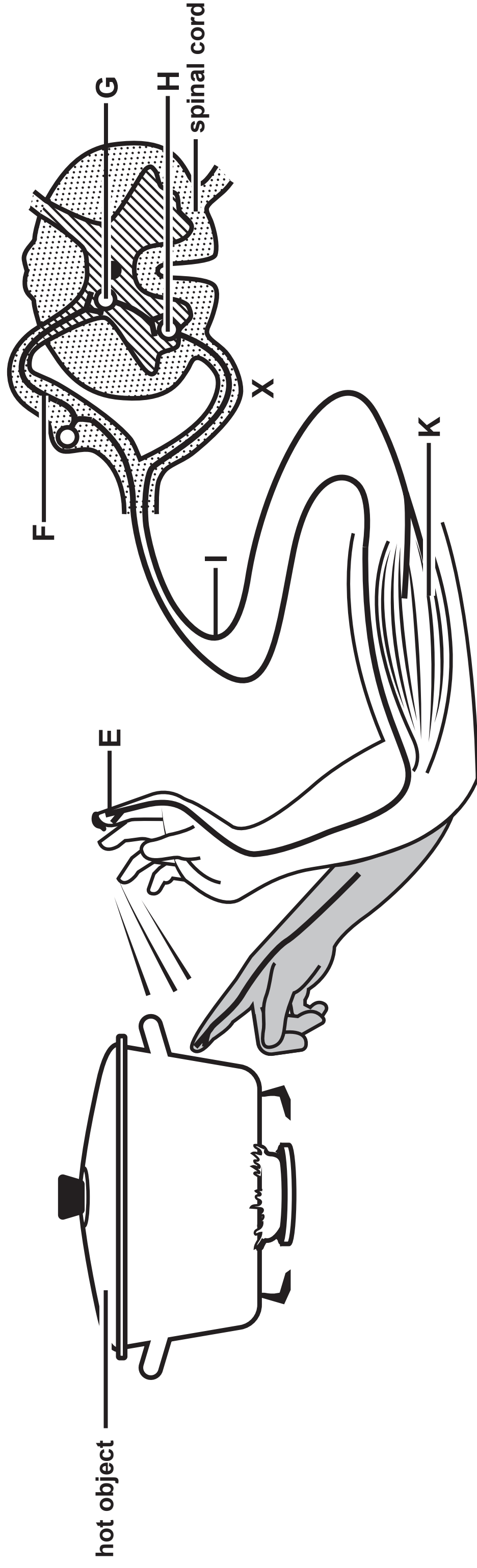
P = pitfall trap

C = cul-de-sac trap

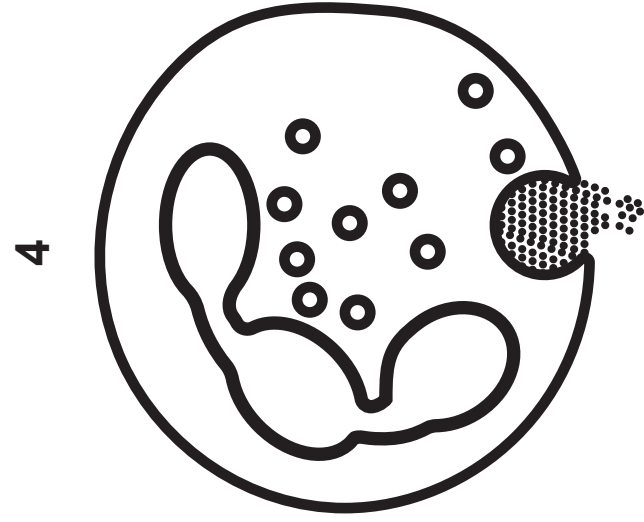
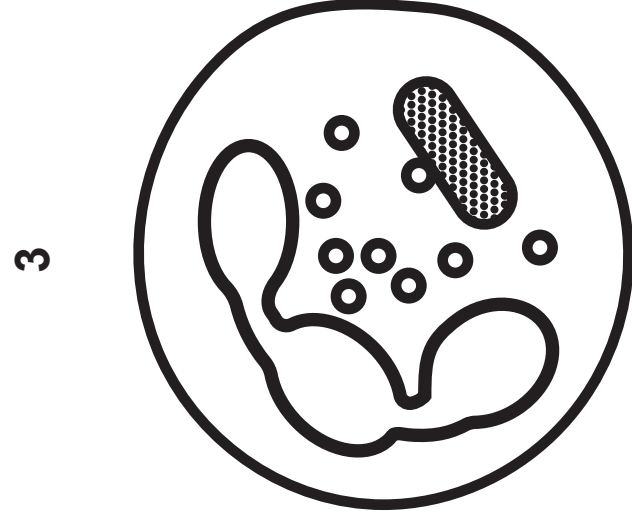
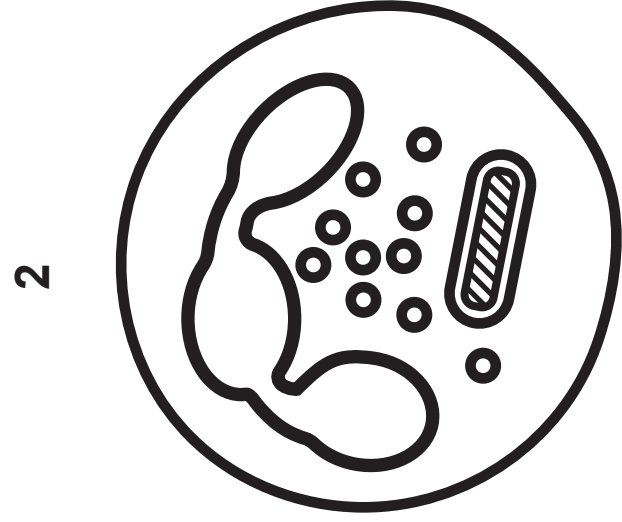
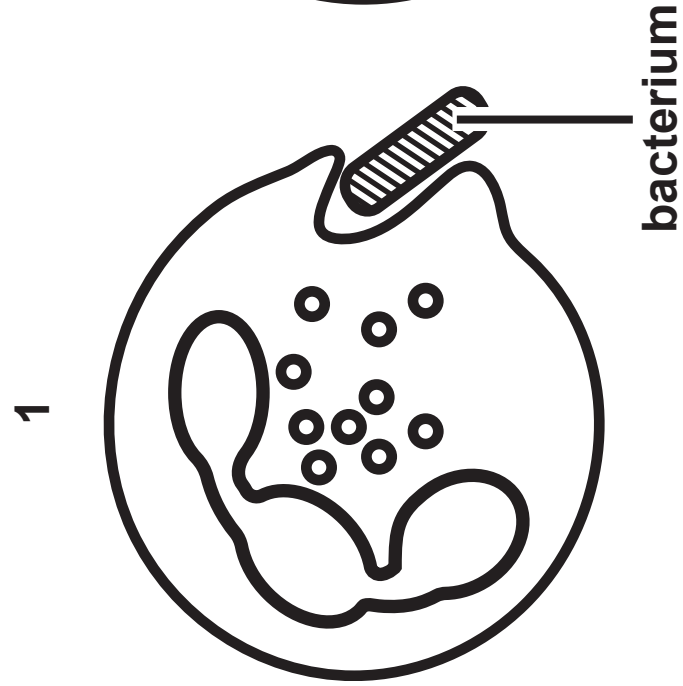


## Question 3(a)



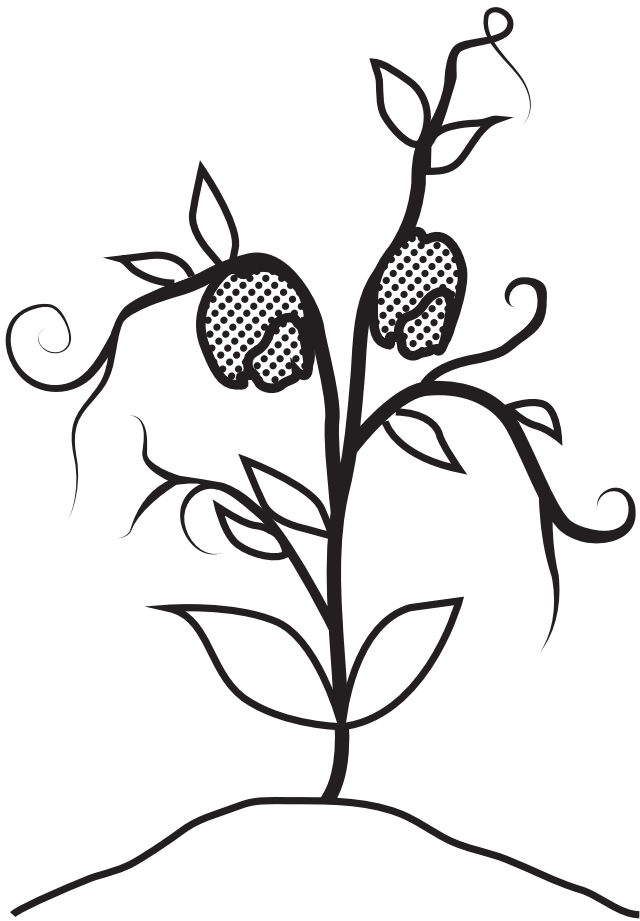




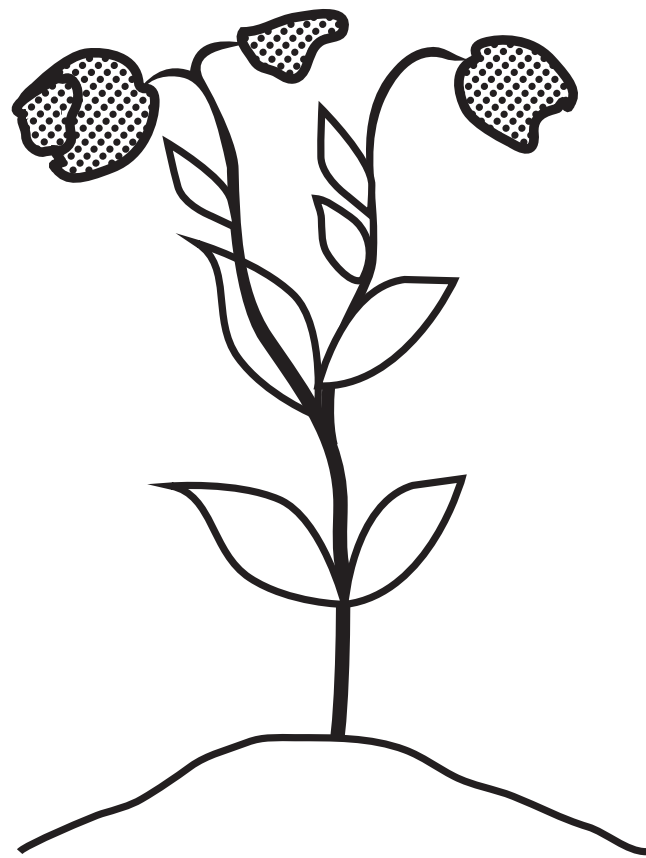


	Patient Group				
	normal blood flow		slow blood flow		
	non-anaemic	anaemic	non-anaemic	anaemic	
Number of patients	251	30	48	10	
Mean percentage oxygen saturation of blood (%)	81	76	77	68	
Mean rate of tissue deoxygenation in percentage per minute	17	20	15	17	

## Question 6



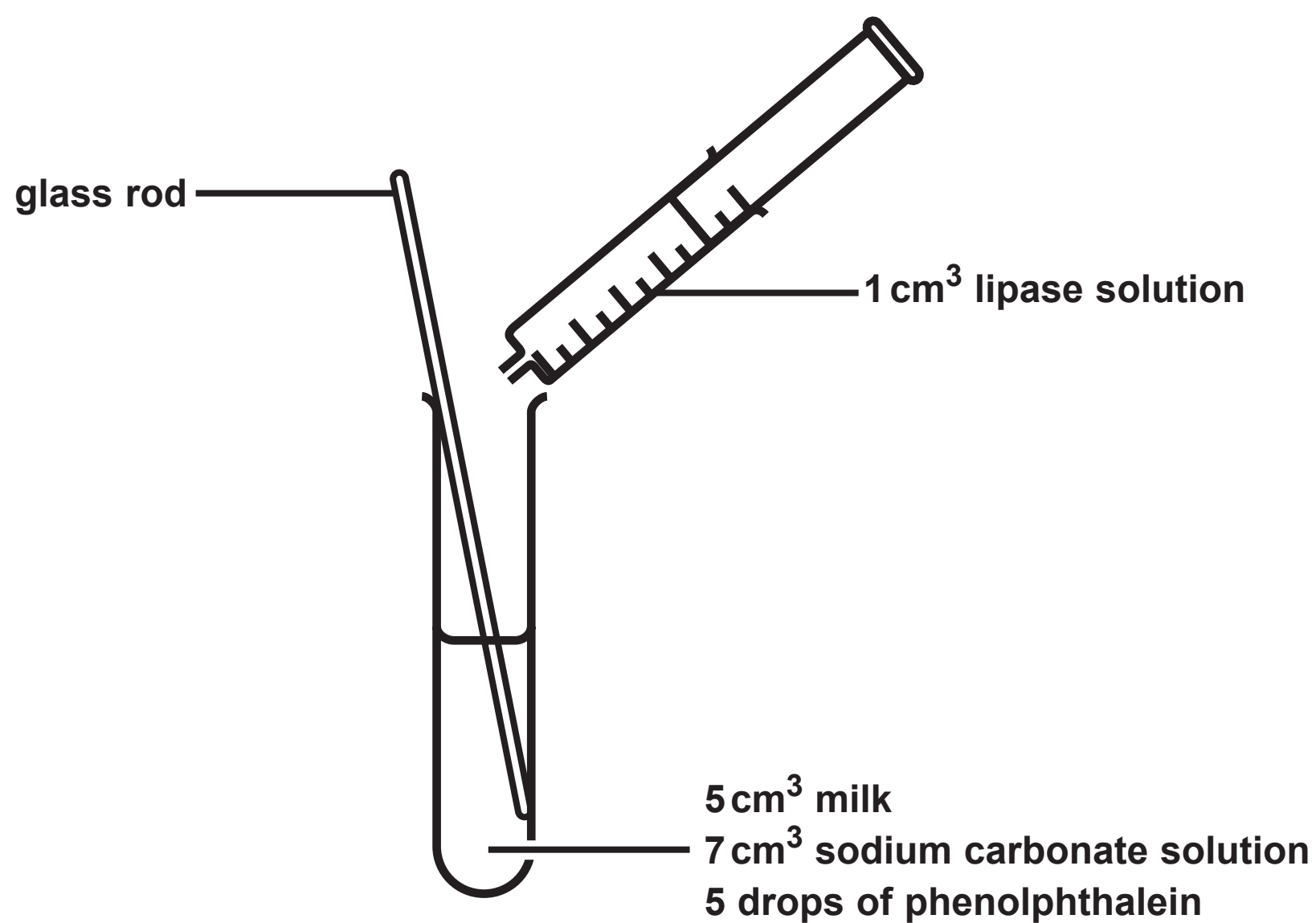
Axial



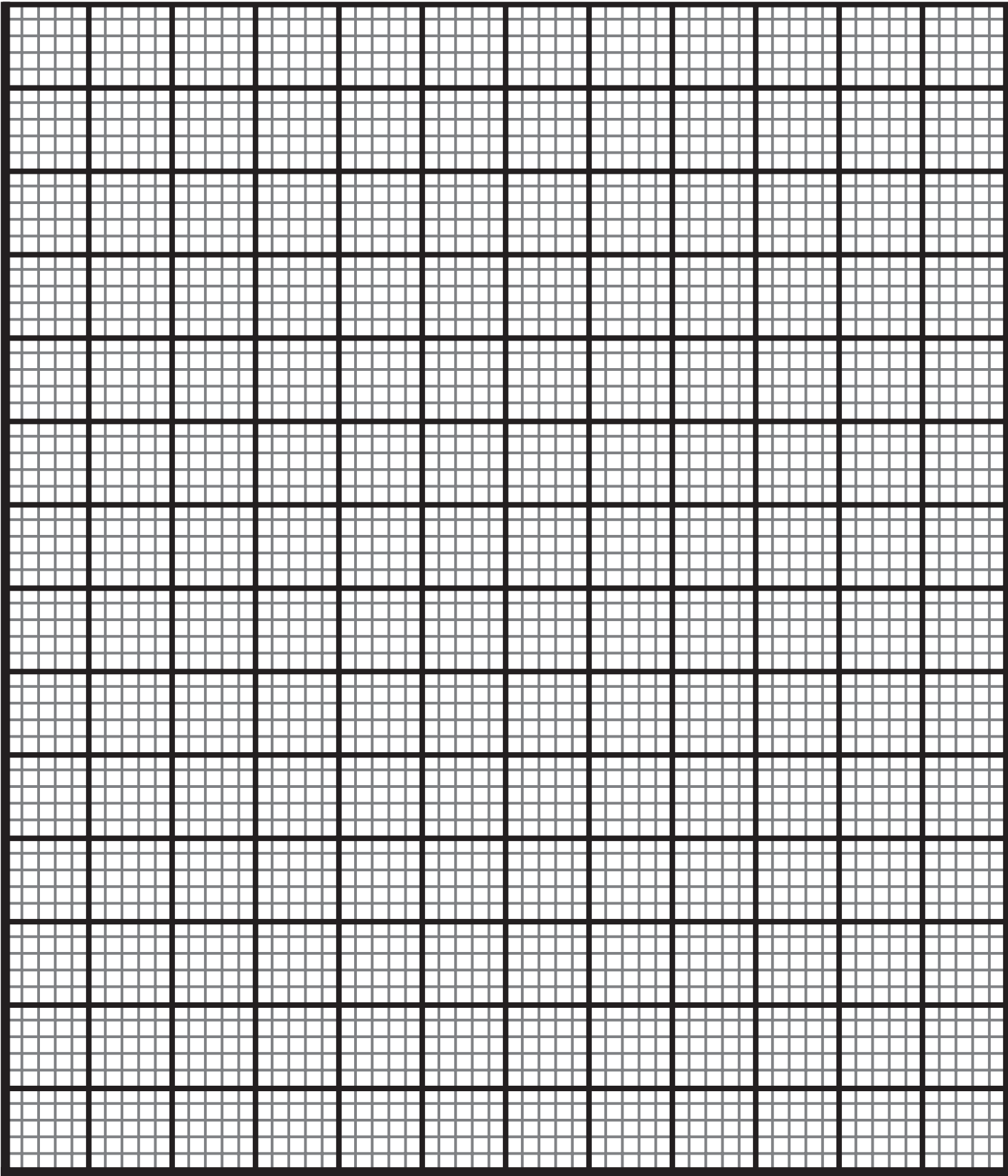
Terminal

**Question 6(a) – Blank**

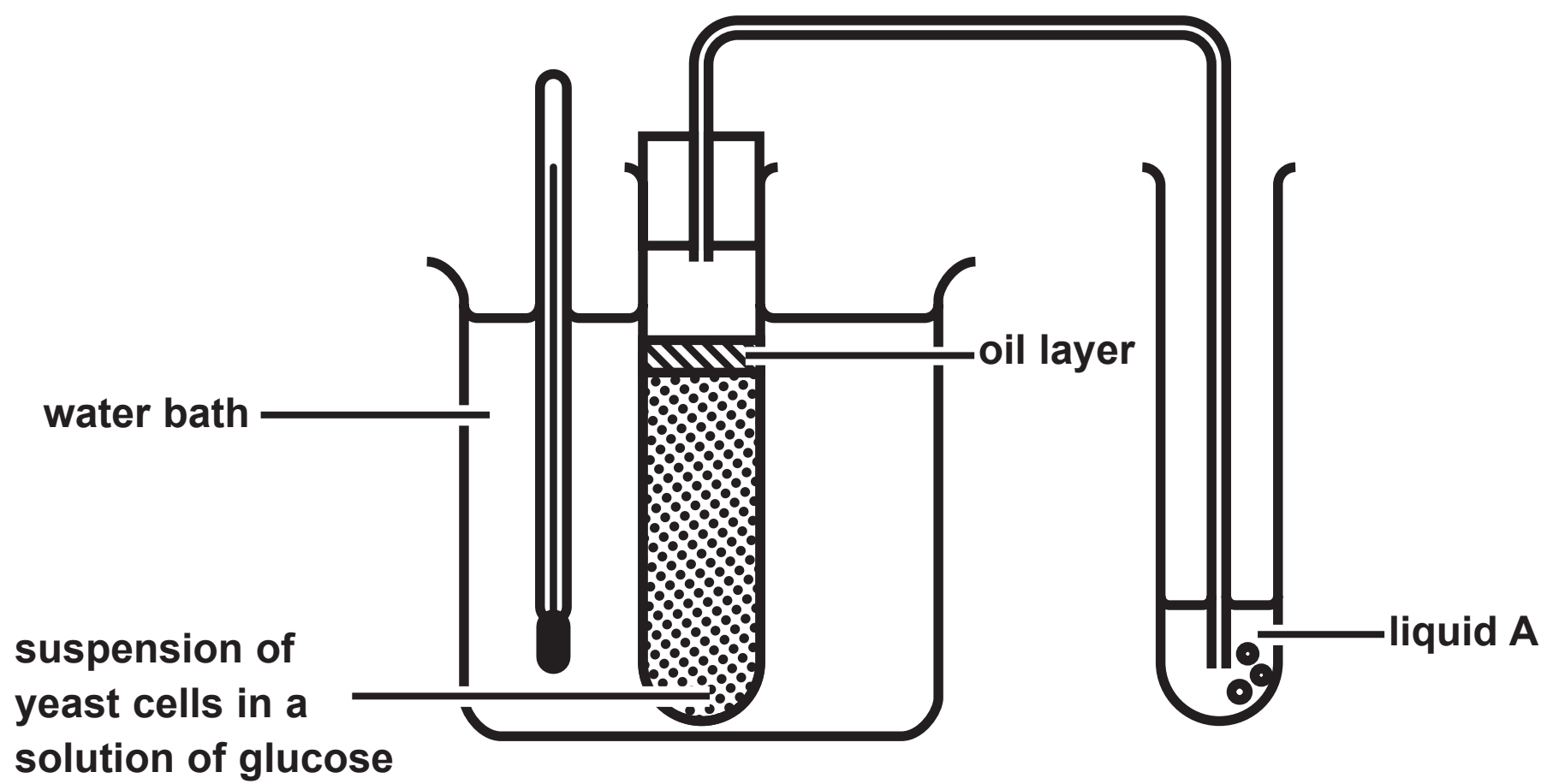
## Question 7



Question 7(d)

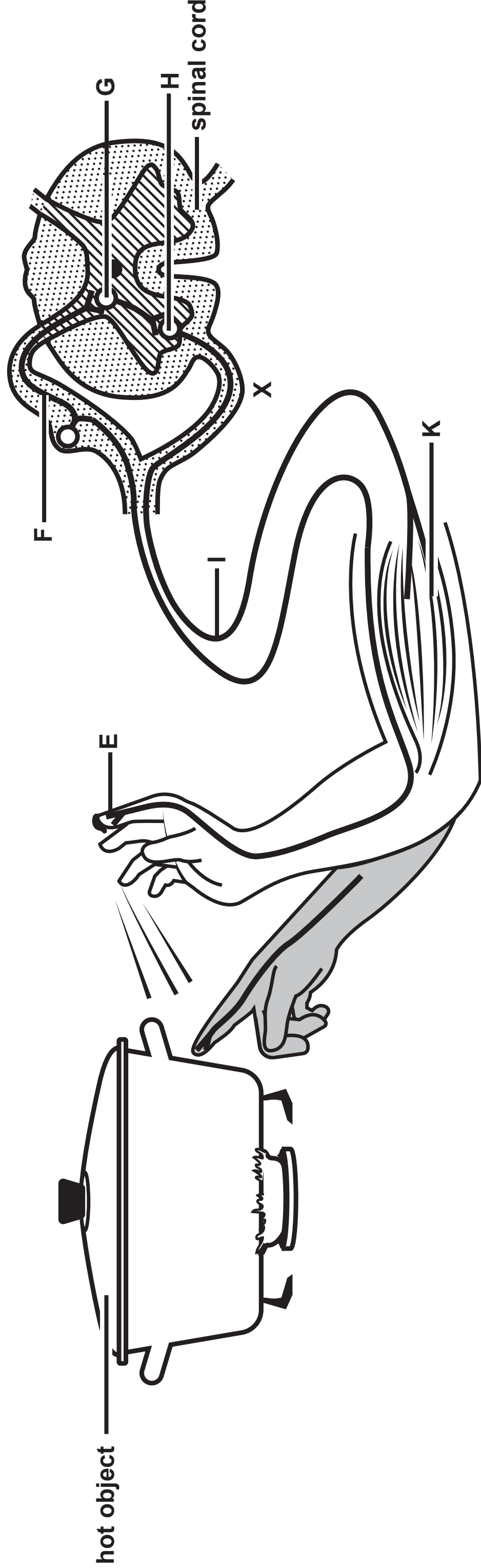


## Question 8



**Question 2(a)(i) – Blank**





**Question 6(a) – Blank**

Question 7(d)

