

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

**Combined Science**  
**PAPER 1**  
**Higher tier**

**Diagram Booklet**

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

## **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.**

# **Contents**

## **Page**

**4      Question 1(b)**

**5      Question 1(b) (Spare copy)**

**6      Question 2(a)**

**7      Question 4**

**8      Question 5(c)**

**9      Question 6**

**10     Question 6(b)**

## Question 1(b)

# FIGURE 1

T	T	G	A	T	T	G	C	G	T	A	A	A
---	---	---	---	---	---	---	---	---	---	---	---	---

[illegible]

## Question 1(b)

# FIGURE 1

T	T	G	A	T	T	G	C	G	T	A	A
---	---	---	---	---	---	---	---	---	---	---	---

[illegible]

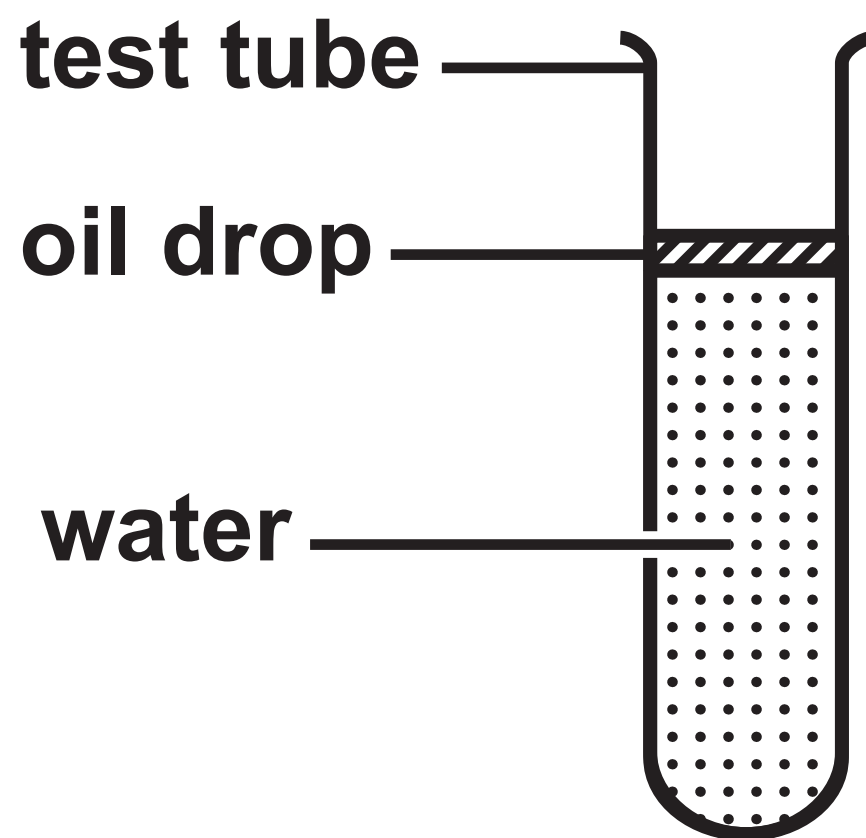
Question 2(a)

FIGURE 2

<b>sexually transmitted infection (STI)</b>	<b>number of people diagnosed per 1000 of the population</b>
<b>chlamydia</b>	<b>3·7</b>
<b>gonorrhoea</b>	<b>0·8</b>
<b>genital herpes</b>	<b>0·6</b>
<b>genital warts</b>	<b>1·1</b>
<b>syphilis</b>	<b>0·1</b>

## Question 4

**FIGURE 3**



Question 5(c)

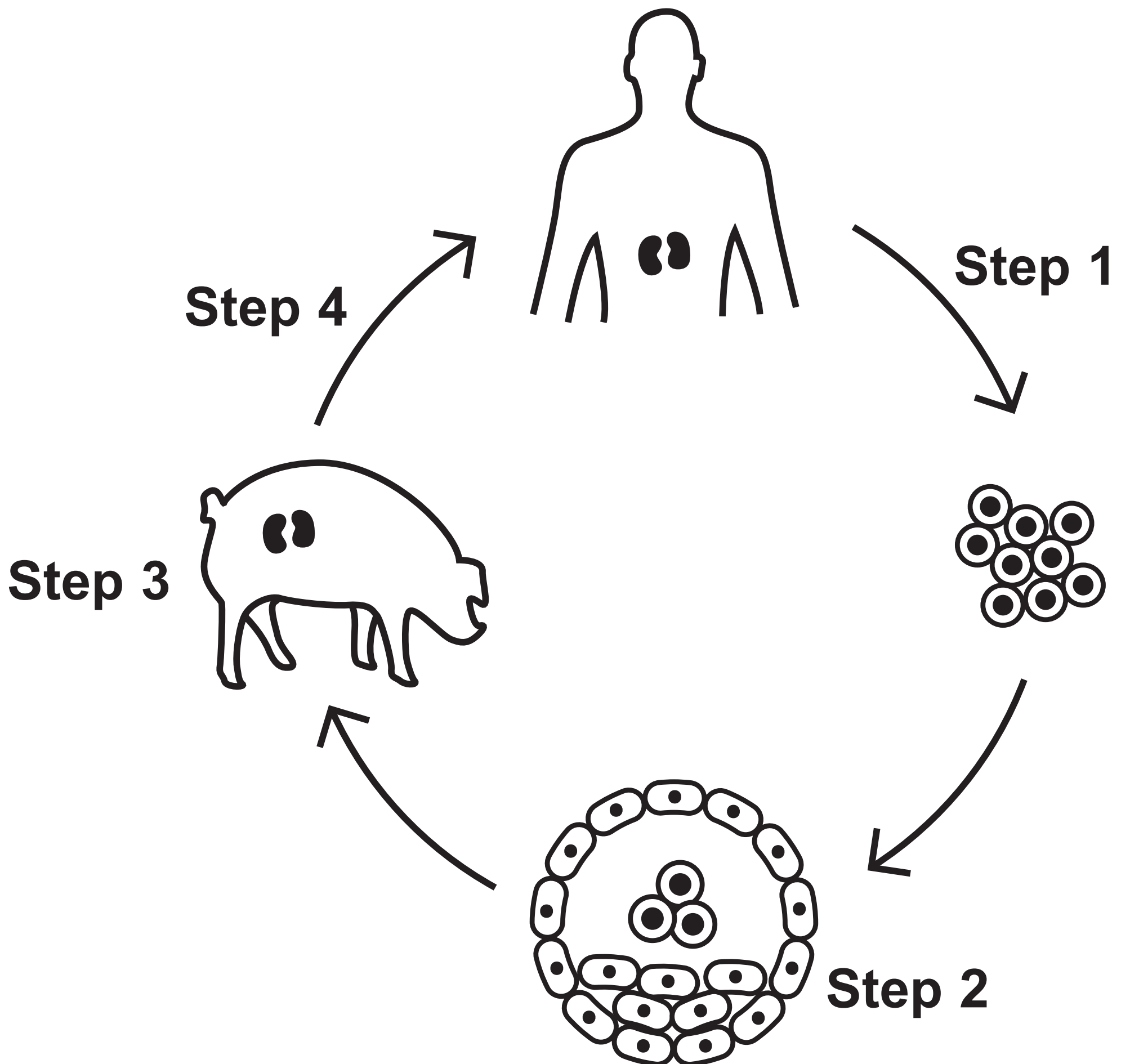
FIGURE 4

stage of cell cycle	number of cells
Interphase	44
Prophase	12
Metaphase	6
Anaphase	18
Telophase	9



## Question 6

FIGURE 5

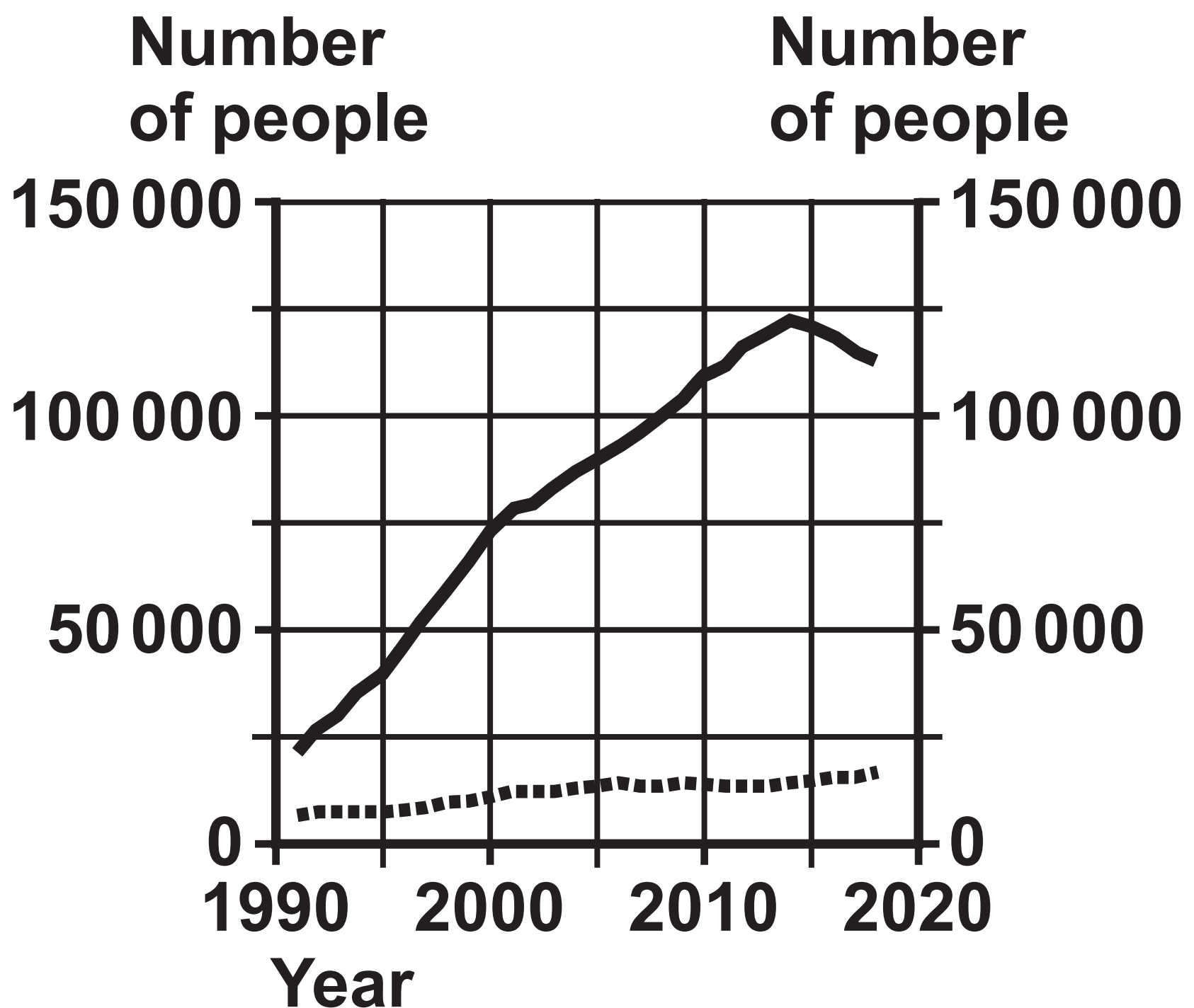


## Question 6(b)

FIGURE 6

## KEY

- number of organ transplants needed
- ..... number of donors available



**Figure 3**

**Source: © Nana\_studio/Shutterstock**