

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

Combined Science  
PAPER 1  
Higher Tier

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.**

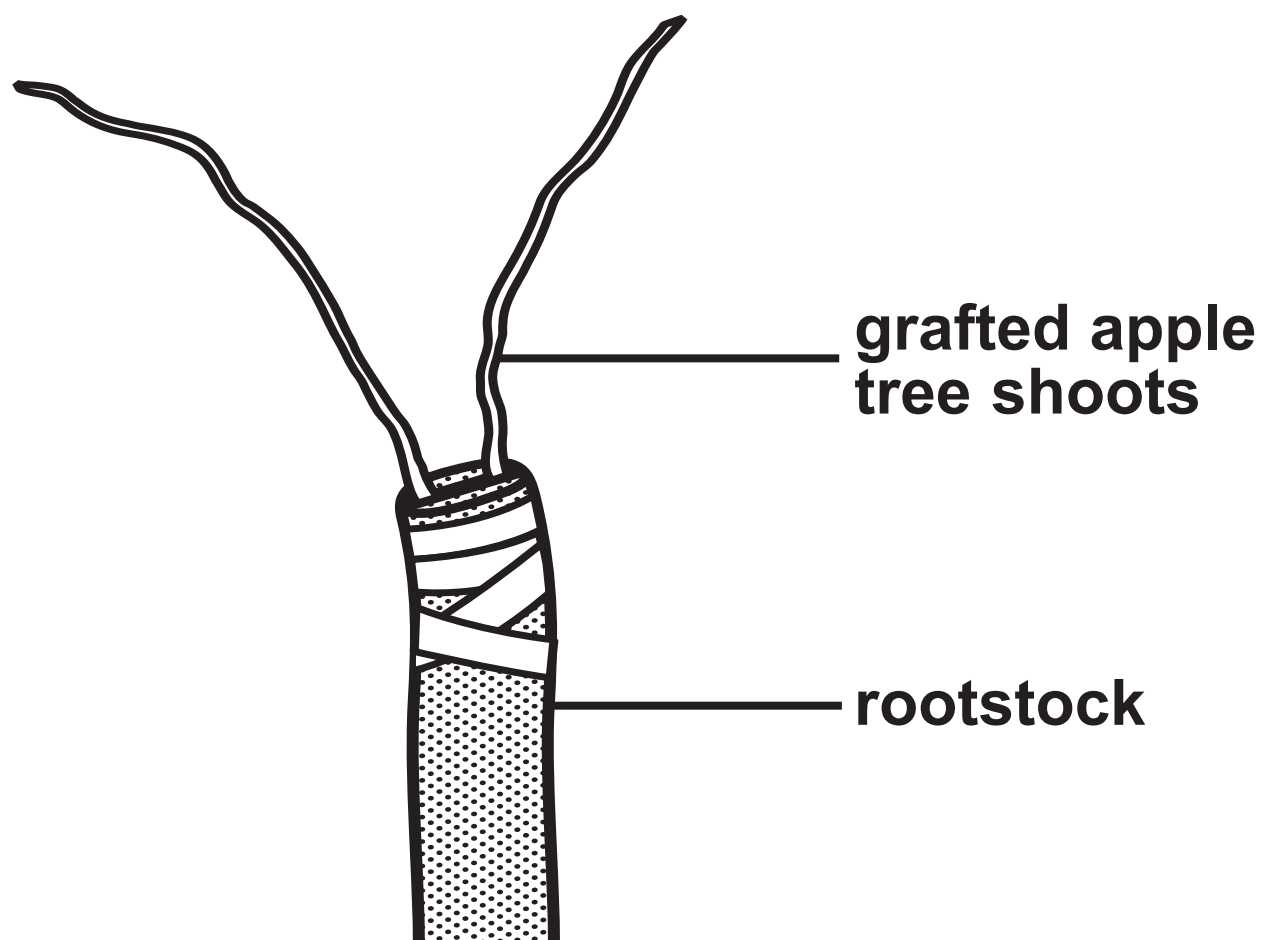
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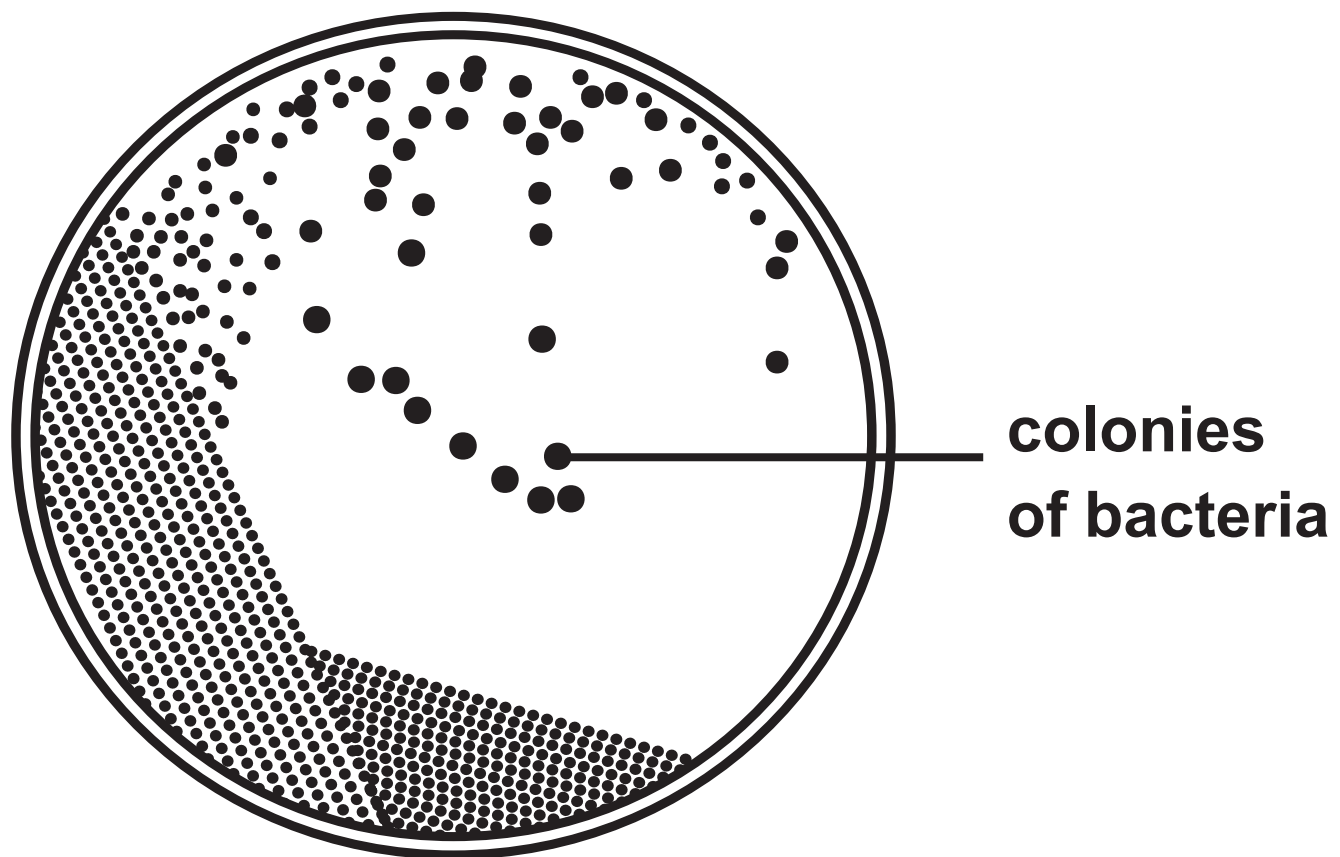
### **Spare Copies**

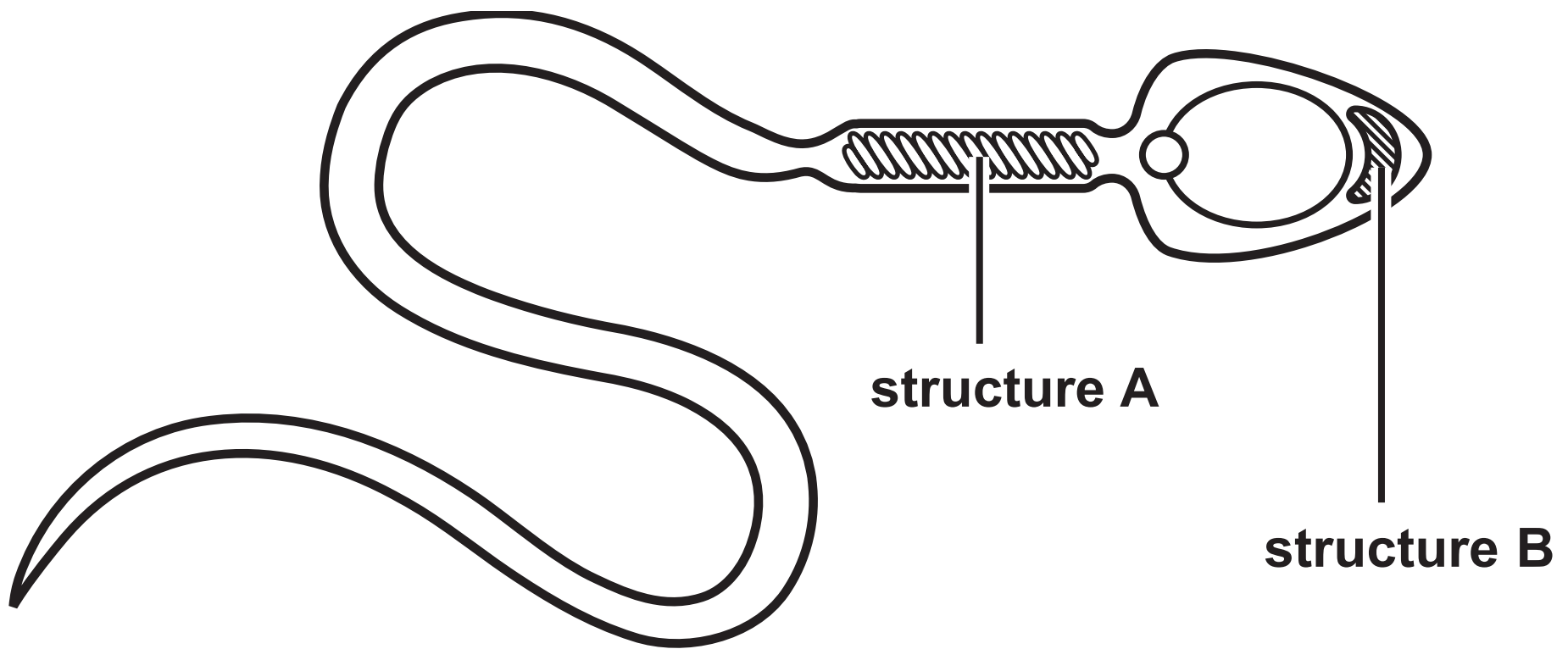
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**Question 1(b)****FIGURE 1**

## Question 2(a)

FIGURE 2

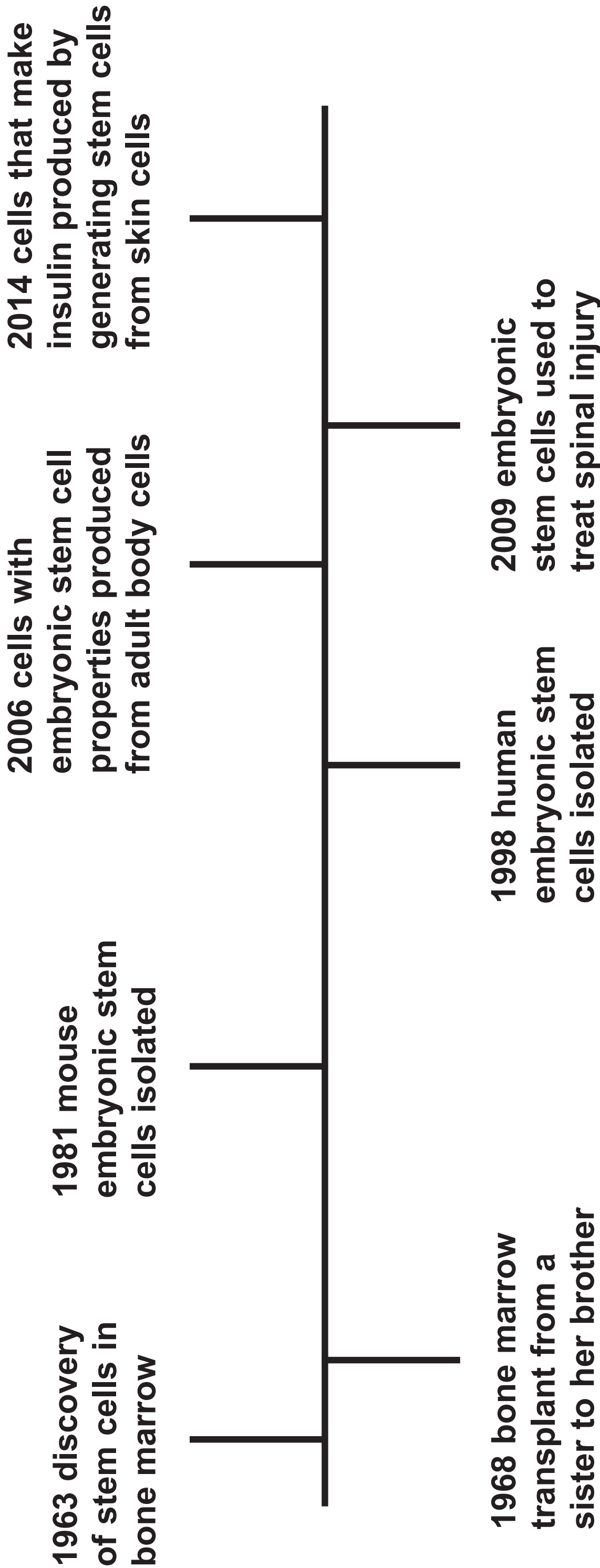


**Question 3(a)****FIGURE 3**

### Question 3(b)(i)

- A metaphase → prophase → anaphase → telophase
- B prophase → metaphase → anaphase → telophase
- C anaphase → prophase → metaphase → telophase
- D prophase → anaphase → metaphase → telophase

FIGURE 4





### Question 4(a)

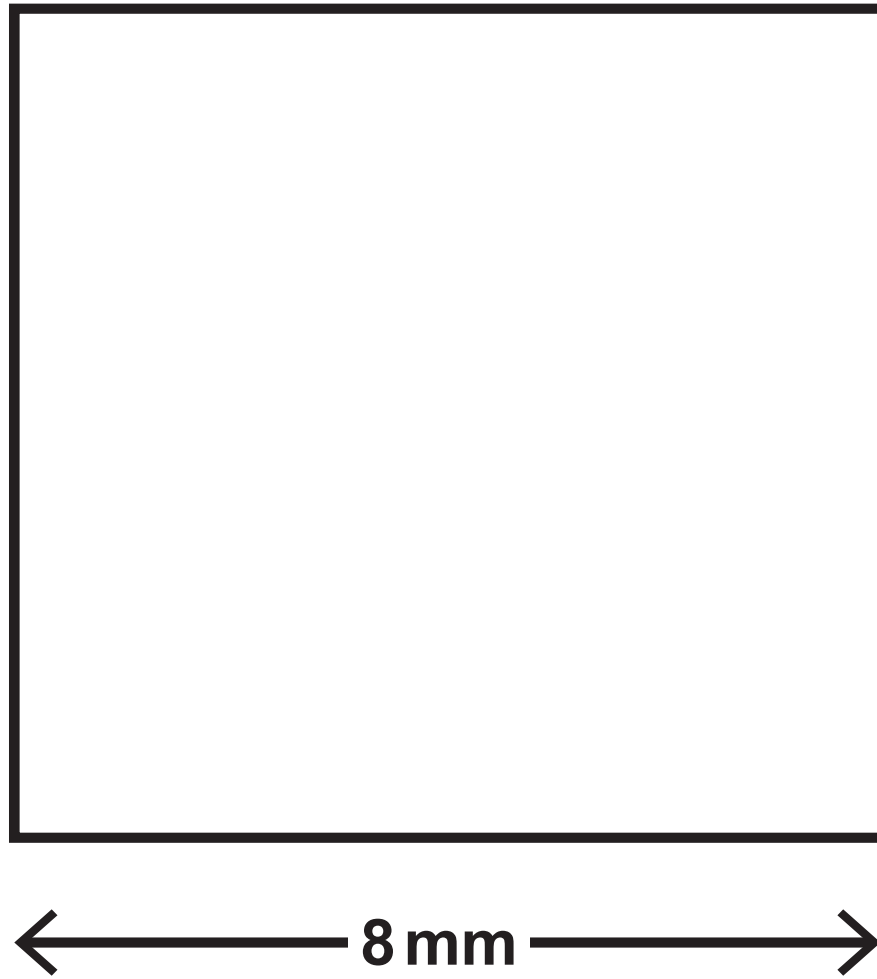
The black and white photograph shows a bird with mottled feathers and a long, pointed bill standing on a piece of driftwood on a body of water. It has long legs and talons.

**FIGURE 5**



Question 4(c)

		male	
female			

**Question 5****FIGURE 6**

Question 5(a)

FIGURE 7

	starting mass in grams	final mass in grams
water	0·95	1·08
dilute salt solution	0·95	0·98
concentrated salt solution	0·94	0·88

Question 6(b)

FIGURE 8

measurement	data	guidance
BMI	28	18 – 25 healthy 26 – 30 overweight 30+ obese
waist : hip ratio	0.85	<0.9 healthy >0.9 abdominal obesity
alcohol units	3 – 4 units per day	<14 units per week
number of cigarettes smoked	0	do not smoke or vape

Question 4(c)

		male	
female			

### **Question 1(b)**

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### **Question 2**

**Adapted from © Chatchouliya/Shutterstock**

### **Question 4(a)**

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