

# Excretion in humans

## Question Paper

<b>Level</b>	IGCSE
<b>Subject</b>	Biology
<b>Exam Board</b>	CIE
<b>Topic</b>	Excretion in Humans
<b>Sub-Topic</b>	
<b>Paper Type</b>	Alternative to Practical
<b>Booklet</b>	Question Paper

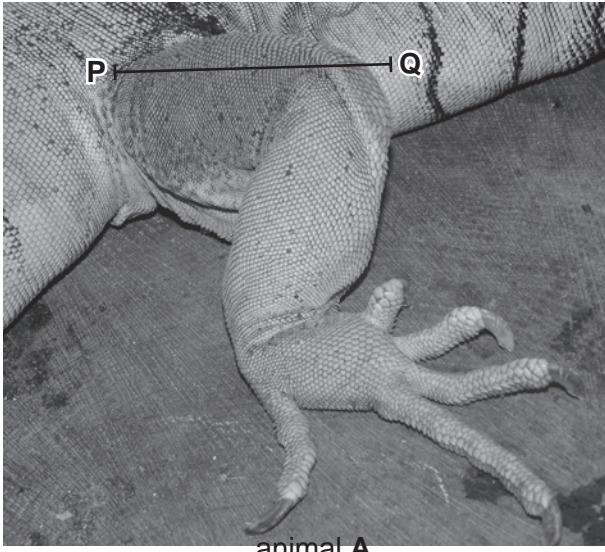
**Time Allowed:** 20 minutes

**Score:** /16

**Percentage:** /100

1 Fig. 2.1 shows the b

The animals belong to two different vertebrate groups.



animal A



animal B

Fig. 2.1

- (a) (i) Describe **one similarity, visible** in Fig. 2.1, between the leg of animal **A** and the leg of animal **B**.

.....

.....

..... [1]

- (ii) Complete Table 2.1 to state **two differences, visible** in Fig. 2.1 between the leg of animal **A** and the leg of animal **B**.

Table 2.1

feature	animal A	animal B

[3]

(b) Make a large, labelled drawing of the leg of animal **A**.

[5]

(c) You are going to calculate the magnification of your drawing of the photograph of the leg of animal **A**.

Length of line **PQ** in Fig. 2.1 is 36 mm.

Draw line **PQ** on your drawing in the same position as in Fig. 2.1.

Length of line **PQ** in drawing ..... mm

Calculate the magnification of your drawing.

Show your working.

magnification  $\times$  ..... [3]

(d) A population of animals was studied over nine years. The changes in the population of **males** are shown in Fig. 2.2

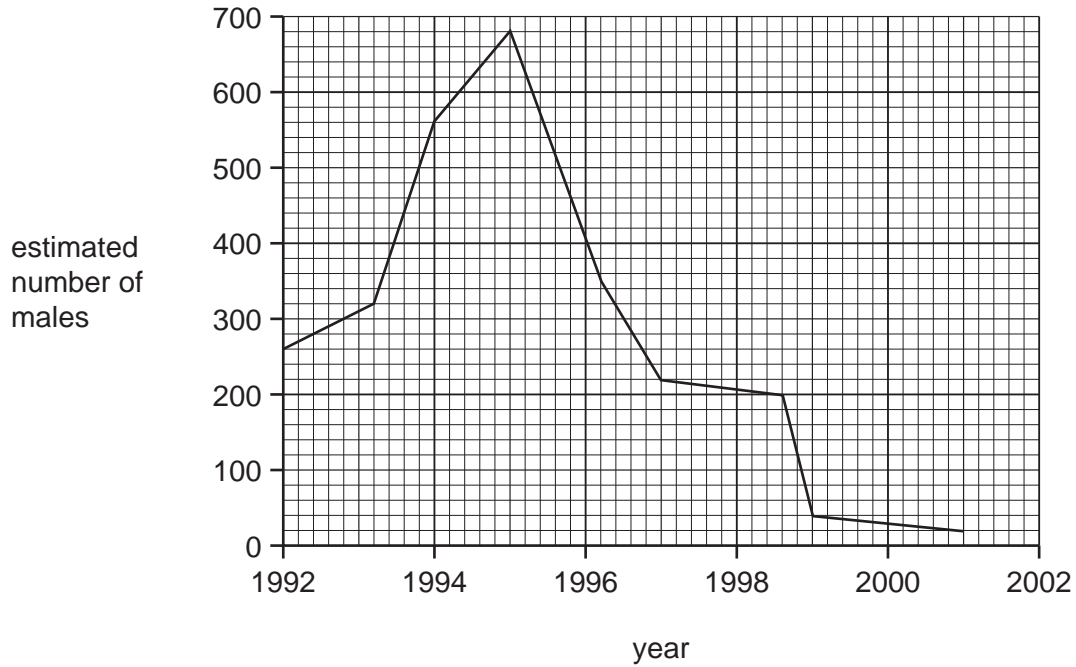


Fig. 2.2

(i) Use the graph to estimate the **total** population of males **and** females in 1992. Assume that the number of males and females is equal. Show your working.

total population of males and females ..... [1]

(ii) Describe the changes in the population from 1992 to 2001.

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..... [3]