Questions 27–30

Answer the questions below.

Choose **NO MORE THAN TWO WORDS** from the passage for each answer.

Write your answers in boxes 27–30 on your answer sheet.

- 27 What had to transfer from sea to land before any animals could migrate?
- Which **TWO** processes are mentioned as those in which animals had to make big changes as they moved onto land?
- 29 Which physical feature, possessed by their ancestors, do whales lack?
- **30** Which animals might ichthyosaurs have resembled?

Questions 31–33

Do the following statements agree with the information given in Reading Passage 3?

In boxes 31–33 on your answer sheet, write

TRUE if the statement agrees with the information **FALSE** if the statement contradicts the information

NOT GIVEN if there is no information on this

- 31 Turtles were among the first group of animals to migrate back to the sea.
- 32 It is always difficult to determine where an animal lived when its fossilised remains are incomplete.
- 33 The habitat of ichthyosaurs can be determined by the appearance of their fossilised remains.

Test 1

Questions 34–39

Complete the flow-chart below.

Choose **NO MORE THAN TWO WORDS AND/OR A NUMBER** from the passage for each answer.

Write your answers in boxes 34–39 on your answer sheet.

Method of determining where the ancestors of turtles and tortoises come from

Step 1

71 species of living turtles and tortoises were examined and a total of **34**were taken from the bones of their forelimbs.



Step 2

The data was recorded on a **35** (necessary for comparing the information).

Outcome: Land tortoises were represented by a dense **36** of points towards the top.

Sea turtles were grouped together in the bottom part.



Step 3

The same data was collected from some living **37**species and added to the other results.

Outcome: The points for these species turned out to be positioned about **38**up the triangle between the land tortoises and the sea turtles.



Step 4

Bones of *P. quenstedti* and *P. talampayensis* were examined in a similar way and the results added.

Question 40

Choose the correct letter, A, B, C or D.

Write the correct letter in box 40 on your answer sheet.

According to the writer, the most significant thing about tortoises is that

- A they are able to adapt to life in extremely dry environments.
- **B** their original life form was a kind of primeval bacteria.
- **C** they have so much in common with sea turtles.
- **D** they have made the transition from sea to land more than once.