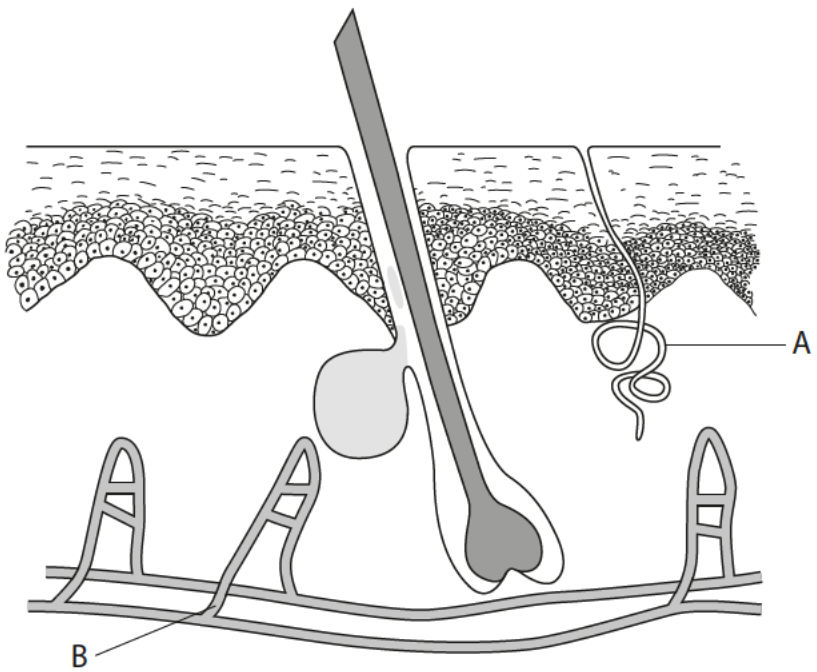
1 The skin is an organ of homeostasis and excretion.

(a) Describe what is meant by the term **excretion**.

(2)

(b) The diagram shows a section through the skin with two structures labelled A and B.



The structures labelled A and B play a part in homeostasis when a person enters a very warm environment.

(i) Explain the role of structure A.

(3)

(ii) Explain the role of structure B.

(3)

(c) Some hormones are involved in homeostasis.

(i) Explain the role of insulin in homeostasis.

(2)

(ii) Explain the role of ADH in homeostasis.

(3)

(Total for Question = 13 marks)