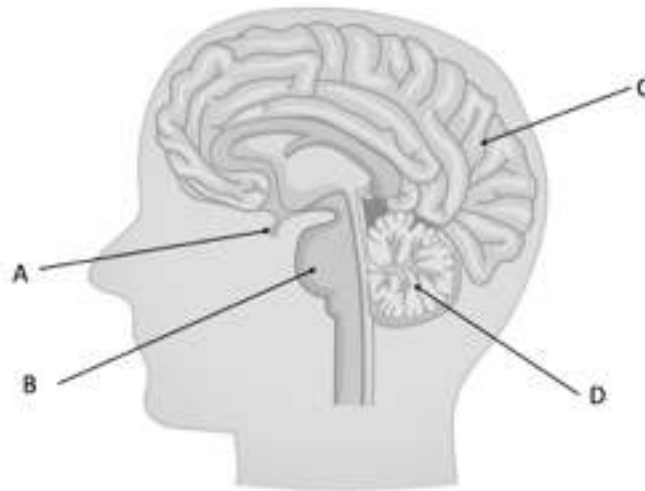


0 1

Below is a diagram of the human brain



0 1

1

Label structures A-D

A \_\_\_\_\_

B \_\_\_\_\_

C \_\_\_\_\_

D \_\_\_\_\_

**[4 marks]**

0 1

2

Explain why an injury to structure B can be fatal

**[2 marks]**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

0 1

3

Which region of the brain, A, B, C, or D is a gland involved in homeostasis?

**[1 mark]**

\_\_\_\_\_

0 1

4

The most recent MRI scanners can show the regions of the brain that are stimulated during activity. If a person in an MRI scanner is asked to solve a mathematical task, which part of the brain, A, B, C or D will show activity?

**[1 mark]**

\_\_\_\_\_