

WHAT IS HOMEOSTASIS?

Maintenance of the [redacted]
environment in the body of an [redacted]
[redacted] to be in a balanced
and [redacted] condition.

Fill in the blanks based on how lizards maintain homeostasis towards changes in surrounding temperature



COLD
SURROUNDING

HOT
SURROUNDING

Metabolism rate _____

Body activities become _____

Body temperature _____

Metabolism rate _____

Body activities become _____

Body temperature _____

HOMEOSTASIS IN ANIMALS



•
•
•



Has waxy skin layer and loss water vapour through spiracles. Closes spiracles between two breathing movements to reduce water loss.

Lick fur to reduce body temperature

Loses a lot of water through evaporation on skin surface. Produces fluid and looks for humid places to reduce water loss.

hang tongue out to decrease temperature

Fur stand erect when cold

TRUE OR FALSE



STATEMENT	ANSWER
Cat licks fur to reduce its body temperature	
Heartbeat of lizard increases when its surrounding temperature increases	
The body temperature of bird increases when its surrounding temperature increases	