

WHAT IS HOMEOSTASIS?

Maintenance of the
environment in the body of an
 to be in a balanced
and 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.

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

Lick fur to reduce body temperature

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	