**HOMEOSTASIS**

Define ‘homeostasis’

Describe the concept of a negative feedback loop (include the words ‘deviation from set point’, ‘corrective mechanism’)

\*\*

\*

The diagram below summarises the regulation of core body temperature:



Give some examples of the physiological corrective mechanisms that decrease temperature\*?

Give some examples of the physiological corrective mechanisms that increase temperature\*\*?

What are the body’s responses to extremes of temperature?

|  |  |
| --- | --- |
|  | Response |
| Hypothermia |  |
| Hyperthermia |  |
| Burns |  |
| Frostbite |  |