

Co-Ordination Centre

Areas that receive + process information
Information - Brain - Spinal cord
Pancreas

Involved with blood sugar levels

Stimuli

A change in internal or external environment
eg light, too much blood, glucose etc

Stimulus - Receptor - CNS - Effector

Neuron
Nerve cell

Nerves
A group of neurones working together

Stimuli

A change in internal or external environment
eg too light, too much blood or glucose etc.

Receptors

Cells that detect change in the internal or external environment

THE HUMAN NERVOUS SYSTEM

EYES - Sensitive to light

EARS - Sensitive to sound

MOUTH + Nose - Receptors sensitive to chemicals smell + taste

SKIN - Receptors sensitive to touch pressure, pain + temperature

EARS - Receptors sensitive to change in position. Balance.

Effectors

Muscles or glands that bring about responses to the stimulus

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