

IGCSE Biology

Name: _____ Score: _____

1. The central nervous system (CNS) consists of the:
 - ☐ heart and lungs
 - ☐ eyes and ears
 - ☐ muscles and glands
 - ☐ brain and spinal cord
2. A synapse is:
 - ☐ a type of muscle
 - ☐ a blood vessel
 - ☐ the gap between two neurones
 - ☐ a part of the brain
3. The part that controls the size of the pupil is the:
 - ☐ retina
 - ☐ lens
 - ☐ cornea
 - ☐ iris
4. To focus on a NEAR object, the lens becomes:
 - ☐ larger overall
 - ☐ opaque
 - ☐ thinner (flatter)
 - ☐ fatter (more curved)
5. A hormone is a chemical messenger carried in the:
 - ☐ blood
 - ☐ air
 - ☐ lymph only
 - ☐ nerves
6. Negative feedback brings a level back towards its set point when it strays.
 - ☐ True ☐ False

7. Normal human body temperature is about how many °C?

8. Roots show negative gravitropism, growing upwards.

☐ True ☐ False

9. A reflex action is fast and automatic, not consciously controlled.

☐ True ☐ False

10. Synapses let impulses travel in either direction.

☐ True ☐ False

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1. **brain and spinal cord**

The CNS is the brain and spinal cord.

2. **the gap between two neurones**

A synapse is the junction between neurones.

3. **iris**

The iris adjusts the pupil size.

4. **fatter (more curved)**

A fatter lens bends light more for near objects.

5. **blood**

Hormones travel in the blood to target organs.

6. **True**

A rise triggers a lowering response, and vice versa.

7. **37**

About 37 °C – the optimum for enzymes.

8. **False**

False. Roots show positive gravitropism, growing downwards towards water and anchorage. Shoots show negative gravitropism.

9. **True**

Reflexes protect the body before conscious thought.

10. **False**

False. Neurotransmitter is released from one side only and its receptors are on the other, so impulses cross a synapse in one direction only.