

IGCSE Biology

Name: _____ Score: _____

1. The central nervous system (CNS) consists of the:
 - ☐ brain and spinal cord
 - ☐ heart and lungs
 - ☐ muscles and glands
 - ☐ eyes and ears
2. A synapse is:
 - ☐ the gap between two neurones
 - ☐ a type of muscle
 - ☐ a part of the brain
 - ☐ a blood vessel
3. The part that controls the size of the pupil is the:
 - ☐ iris
 - ☐ lens
 - ☐ retina
 - ☐ cornea
4. To focus on a NEAR object, the lens becomes:
 - ☐ fatter (more curved)
 - ☐ thinner (flatter)
 - ☐ larger overall
 - ☐ opaque
5. A hormone is a chemical messenger carried in the:
 - ☐ blood
 - ☐ nerves
 - ☐ air
 - ☐ lymph only
6. A reflex action is fast and automatic, not consciously controlled.
 - ☐ True ☐ False

7. The neurone carrying impulses from a receptor to the CNS is the _____ neurone.

8. Synapses allow impulses to travel in one direction only.

☐ True ☐ False

9. The image formed on the retina is upside down.

☐ True ☐ False

10. Cones detect colour and work best in bright light.

☐ 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**

Reflexes protect the body before conscious thought.

7. **sensory**

Sensory neurones carry signals into the CNS.

8. **True**

Neurotransmitter is released on one side only.

9. **True**

The brain interprets it the right way up.

10. **True**

Cones need bright light; rods handle dim light.