

14. Coordination and response

Starter Quiz · 课前小测

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

IGCSE Biology

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.