

CONTROL AND CO-ORDINATION

WORKSHEET - 2

CLASS 10

1. Name the organs by which pea plants climb up other plant stems or fences.

Ans. Tendrils.

2. Name the stimulus in (a) phototropism, and (b) geotropism.

Ans. (a) The stimulus in phototropism is light. (b) The stimulus in phototropism is gravity.

3. What is the stimulus in (a) chemotropism, and (b) hydrotropism?

Ans. (a) The stimulus in chemotropism is a chemical substance. (b) The stimulus in hydrotropism is water.

4. Where is the auxin hormone made in a plant?

Ans. Auxin hormone is made in the tip of stem (or shoot).

5. Name the structural and functional unit of nervous system.

Ans. Neuron (Nerve cell).

6. (i) What are the short fibres of a neuron known as?

(ii) What is the longest fibre of a neuron known as?

Ans. (i) Dendrites. (ii) Axon.

7. What does the central nervous system in human beings consist of?

Ans. Brain and Spinal cord.

8. What name is given to the microscopic gap between two adjacent neurons?

Ans. Synapse.

9. Which is the main thinking part of the brain?

Ans. Cerebellum.

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