

Learnzy Academy

Worksheet: Control and Coordination

1. What is the function of receptors in our body? Think of situations where receptors do not work properly. What problems are likely to arise?
2. What is the difference between a reflex action and walking?
3. How do we detect the smell of an agarbatti (incense stick)?
4. Which signals will get disrupted in case of a spinal cord injury?
5. How does chemical coordination take place in animals?
6. What are plant hormones?
7. Which part of the brain maintains posture and equilibrium of the body?
8. Give an example of a plant hormone that promotes growth.
9. How do auxins promote the growth of a tendril around a support?
10. Why is the use of iodised salt advisable?
11. Compare and contrast nervous and hormonal mechanisms for control and coordination in animals.
12. What is the difference between the manner in which movement takes place in a sensitive plant and the movement in our legs?
13. How does phototropism occur in plants?
14. How are involuntary actions and reflex actions different from each other?
15. How does chemical coordination occur in plants?
16. What is the role of the brain in reflex action?
17. Why are some patients of diabetes treated by giving injections of insulin?
18. What happens at the synapse between two neurons?
19. The gap between two neurons is called a (a) dendrite. (b) synapse. (c) axon. (d) impulse
20. How is the movement of leaves of the sensitive plant different from the movement of a shoot towards light?