



BIOLOGY

BOOKS - PSEB

Control and Coordination

Exercise

1. Which of the following is plant hormone?

A. Insulin

B. Thyroxin

C. oestrogen

D. Cytokinin

Answer:



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2. The gap between two neurons is called:

A. dendrite

B. synapse

C. axon

D. impulse

Answer:



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3. The brain is responsible for:

A. thinking

B. regulation the heart beat

C. balancing the body

D. all of the above

Answer:



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4. What is the function of receptors in the body? Think of situations where receptors do not work properly. What problems are likely to arise?



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5. Draw the structure of a neuron and explain its function.



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6. How does phototropism occur in plants?



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7. Which signals will get disrupted in case of spinal cord injury?





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8. How does chemical co-ordination occur in plants?



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9. What is the need for a system of control and co-ordination in an organism?



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10. How are involuntary actions and reflex actions different from each other?



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11. Compare and contrast the nervous and hormonal mechanism for control and coordination in animals



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12. What is the difference between the manner in which movement takes place in a sensitive plant and the movement in our leg.



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