

Ch-6 Control and Coordination

1. Which hormone cause uterine contraction that leads to labour pain?
2. Name the place where largest number of neurons are found in the human body.
3. List different parts of the human nervous system.
4. Name the hormones secreted by pancreas.
5. What do we call "movement of shoot towards the light"?
6. Which hormone controls the metabolism of calcium and phosphorus in human beings?
7. "Nervous and hormonal systems together perform the function of control and coordination in human beings." Justify the statement.
8. Differentiate between Spinal reflex and Cranial reflex.
9. How does our body respond when adrenaline is secreted into the blood?
10. How does chemical co-ordination occur in plants?
11. What are the major parts of the brain? Mention the functions of different parts.
12. Why do we call pituitary gland as the master gland? Where is it located and what are its functions?
13. Mention the difference between walking and the reflex action.
14. What happens at synapse between two neurons?
15. Posture and equilibrium of the body are maintained by which part of the brain?
16. How is the smell of an incense stick detected?
17. What role does the brain play in reflex action?
18. What are plant hormones?
19. How do the two movements differ from each other: the movement of leaves from the sensitive plants and the movement of shooting toward light?
20. Which plant hormone promotes growth? How does it promote the growth of tendrils around support?
21. How does chemical coordination take place in animals?
22. Iodised salt is advisable. Why?
23. What happens when the adrenaline is secreted into the blood?
24. Why are insulin injections used for diabetic patients?
25. Answer the following questions –
 - a. Draw the diagram of the neuron.
 - b. What are the parts of neurons?
 - c. Where is information acquired
 - d. How does impulse travel?
26. How does phototropism occur in plants?
27. What happens in a spinal cord injury?
28. Explain how chemical coordination occurs in plants. Mention the role of auxin and Absciscic acid.
29. Why does an organism need control and coordination?
30. How are involuntary and reflex actions different?
31. What is the nervous mechanism and hormonal mechanism?
32. How is the movement in sensitive plants different from the movement in our legs?