

**10<sup>TH</sup> CBSE CONTROL AND COORDINATION**

- 215) What are plant hormones?
- 216) How is the movement of leaves of the sensitive plant different from the movement of a shoot towards light?
- 217) Design an experiment to demonstrate hydrotropism.
- 218) Why is the use of iodised salt advisable?
- 219) What is the function of receptors in our body? Think of situations where receptors do not work properly. What problems are likely to arise?
- 220) Which signals will get disrupted in case of a spinal cord injury?
- 221) How does chemical coordination occur in plants?
- 222) What is the need for a system of control and coordination in an organism?
- 223) How does chemical coordination take place in animals?
- 224) What are tropic movements?
- 225) Describe the central nervous system in human being under the following heads:
  - (i) Regions included
  - (ii) Three functions of any one region
- 226) Draw a diagram of human brain and label on it the following of its parts:
  - (i) Cerebrum
  - (ii) Meninges
  - (iii) Medulla Oblongata
  - (iv) Cerebellum
- 227) How do neurons transmit information?
- 228) Draw a diagram showing endocrine glands in a male body. Label the following glands on it:
  - (i) Pituitary
  - (ii) Thyroid
  - (iii) Adrenal
  - (iv) Testes
- 229) Give difference between nervous system and endocrine system.
- 230) What are hormones? State one function of each of the following hormone
  - (i) Thyroxin
  - (ii) Insulin.
- 231) Write down three main differences between auxin and cytokinin.
- 232) Distinguish between voluntary and involuntary actions of our body.
- 233) How is the secretion of hormones regulated?
- 234) What are functions regulated by fore brain?
- 235) Draw a neat labelled diagram of neuron.

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- 236) Give the characteristics of hormones.
- 237) What are the different parts of the brain? Give functions of each part.
- 238) What is the role of adrenaline hormone that is secreted and released in the blood?
- 239) Draw a neat labelled diagram of human brain.
- 240) Differentiate between the following:
  - (a) Spinal nerve and cranial nerve
  - (b) Dendrite and axon
  - (c) Central nervous system and peripheral nervous system.
- 241) Draw a diagram of human hormonal system.
- 242) Mention the functions of fore brain
- 243) What is autonomous nervous system? Describe its two types.
- 244) Discuss the structure of human brain.
- 245) Discuss the functioning of muscles under the nervous control

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