

Control & Coordination Test**MM:20M****Time: 1hour****1 Mark**

1. Which phytohormones are responsible for wilting of leaves?
a. Auxin b. Absciscic Acid c. Cytokinin d. Both a & b
2. Which part of brain is responsible for maintaining posture & balance of our body?
3. Assertion: It is important to have iodised salt in our diet.
Reason: Iodine is necessary for thyroid gland to make thyroxine hormone.
a. Both A and R are true, and R is correct explanation of the assertion.
b. Both A and R are true, but R is not the correct explanation of the assertion.
c. A is true, but R is false.
d. A is false, but R is true.
4. Assertion: The hormones should be secrets in precise quantities.
Reason: Feedback mechanism operated in body to control hormone secretion.
a. Both A and R are true, and R is correct explanation of the assertion.
b. Both A and R are true, but R is not the correct explanation of the assertion.
c. A is true, but R is false.
d. A is false, but R is true.

2 Marks

5. Name the plant hormones responsible for the following
 - a. Elongation of cells
 - b. Growth of stem
 - c. Promotion of cell division
 - d. Falling of senescent leaves

Or

What are tropic movements? Explain phototropism with example.

6. What is reflex arc? Explain with the help of flow chart.

Or

Draw a labelled diagram of neuron? Write the function of neuron.

7. How does our body respond when adrenaline is secreted into blood?

8. How brain & spinal cord is protected in our body?

9. What are limitations of Electric Communication.

3 Marks

10. a) Name a hormone which is injected to a patient suffering from diabetes.

b) If the cerebellum is not functioning properly, what activities of our body get affected?

11. Answer the following:

a. Name the two main constituents of CNS in human beings. Write their any one functions each.

b. What is need for a system of control & coordination in human beings?

Or

11. Write the function of Hindbrain along with its types.

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