



DAV POLICE PUBLIC SCHOOL, PANCHKULA



Class:10th

Subject- Science

Assignment

Chapter 7 (Control And Coordination)

1. Which tropic movement is shown by mimosa plant leaves when touched with fingers?
2. Define chemotropism.
3. What are hormones?
4. Name the plant hormone is responsible for the promotion of cell division.
5. What is meant by hydrotropism? Give an example.
6. Define phototropism and give an example,
7. How does the chemical coordination occur in plants? Explain with the help of three examples.
8. Identify the phytohormone used by plants while performing following functions: -
 - Cell division in shoot tip
 - Inhabiting growth on approach of unfavourable conditions
9. What is tropism?
10. Name the hormone synthesized at the shoot tip. How does it help the plant to respond to sunlight?
11. The shape of guard cells changes due to the change in _____
12. The growth of tendril in pea plant is due to the _____