



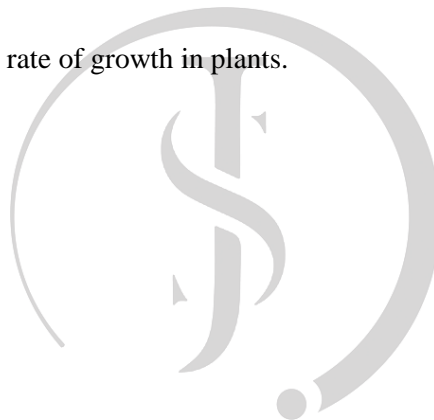
CHAPTER - 15 – PLANT GROWTH AND DEVELOPMENT

I. Answer in brief (2/3 marks):

1. Define growth.
2. What are plant growth regulators?
3. What is synergistic and Antagonistic effect?
4. What is seed germination? Mention the types.
5. What is programmed cell death (PCD)?
6. What is abscission? Mention the significance.

II. Answer in a paragraph (5 marks)

1. What are the stages in growth rate?
2. Explain an experiment to measure the rate of growth in plants.
3. Give an account of Auxins.
4. Give an account of Gibberellins.
5. Give an account of Cytokinins.
6. Give an account of Ethylene.
7. Give an account of Abscisic acid.
8. Give an account of Photoperiodism.
9. Give an account of Vernalization.
10. Give an account of Senescence.
11. Write a short note on seed dormancy.
12. Give an account of factors affecting seed germination.



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