



# Padalsalai's Telegram Groups!

( தலைப்பிற்கு கீழே உள்ள லிங்கை கிளிக் செய்து குழுவில் இணையவும்! )

- **Padalsalai's NEWS - Group**  
[https://t.me/joinchat/NIfCqVRBNj9hhV4wu6\\_NqA](https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA)
- **Padalsalai's Channel - Group**  
<https://t.me/padasalaichannel>
- **Lesson Plan - Group**  
<https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw>
- **12th Standard - Group**  
[https://t.me/Padalsalai\\_12th](https://t.me/Padalsalai_12th)
- **11th Standard - Group**  
[https://t.me/Padalsalai\\_11th](https://t.me/Padalsalai_11th)
- **10th Standard - Group**  
[https://t.me/Padalsalai\\_10th](https://t.me/Padalsalai_10th)
- **9th Standard - Group**  
[https://t.me/Padalsalai\\_9th](https://t.me/Padalsalai_9th)
- **6th to 8th Standard - Group**  
[https://t.me/Padalsalai\\_6to8](https://t.me/Padalsalai_6to8)
- **1st to 5th Standard - Group**  
[https://t.me/Padalsalai\\_1to5](https://t.me/Padalsalai_1to5)
- **TET - Group**  
[https://t.me/Padalsalai\\_TET](https://t.me/Padalsalai_TET)
- **PGTRB - Group**  
[https://t.me/Padalsalai\\_PGTRB](https://t.me/Padalsalai_PGTRB)
- **TNPSC - Group**  
[https://t.me/Padalsalai\\_TNPSC](https://t.me/Padalsalai_TNPSC)

**XI BIO - BOTANY IMPORTANT  
FIVE MARK QUESTION FROM SECOND VOLUME**

1. The characters of meristematic tissues:
2. Tracheids of xylem
3. Sieve Elements of phloem
4. Difference Between Meristematic Tissue and Permanent Tissue
5. Difference Between Meristematic Tissue and Permanent Tissue
6. Difference between Tracheids and Fibres
7. Functions of Epidermal Tissue System
8. Types of vascular Bundles
9. Differences between dicot root and monocot root
10. Differences between dicot stem and monocot stem
11. Differences between root and stem
12. Differences Between Phelllem and Phelloderm
13. Differences Between Vascular Cambium and Cork Cambium
14. Differences Between Secondary Growth in Dicot Stem and Root
15. Differences between Active Absorption and Passive Absorption
16. What is ascent of sap write the Mechanism of Ascent of Sap
17. Starch – Sugar Interconversion theory
18. What are the Factors Affecting the Rate of Transpiration
19. Nitrogen cycle
20. Parasitic mode of nutrition in angiosperms
21. Significance of Photosynthesis
22. Properties of Light
23. Differences between Photosystem I and Photosystem II
24. Cyclic Photophosphorylation
25. Non-Cyclic Photophosphorylation
26. Differences between Cyclic Photophosphorylation and Non-Cyclic Photophosphorylation
27. Calvin Cycle
28. Hatch & Slack Pathway or C4 Cycle or Dicarboxylic Acid Pathway or Dicarboxylation Pathway
29. Differences between C3 and C4 plants
30. Differences between Photorespiration and Dark Respiration

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31. Structure of ATP
32. Differences between aerobic and anaerobic respiration
33. Glycolysis or EMP pathway
34. Krebs cycle or Citric acid cycle
35. Significance of Krebs cycle:
36. Electron Transport Chain (ETC) (or) Terminal oxidation
37. Comparison between glycolysis and fermentation
38. Factors Affecting Respiration
39. Pentose phosphate pathway or HMP shunt
40. Characteristics of Growth
41. Stages in Growth rate
42. Characteristics of phytohormones
43. Physiological Effects and Agricultural role in Auxin.
44. Physiological Effects and Agricultural role in Gibberellins
45. Physiological Effects and Agricultural role in Cytokinin
46. Physiological Effects and Agricultural role in Gaseous hormone
47. Physiological Effects and Agricultural role in Stress Hormone
48. Classification of plants based on Photoperiodism
49. Mechanism of Vernalization
50. Methods of breaking dormancy
51. Programmed cell death (PCD)

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