1. Give an example of short-day plant.
2. Give an example of Long-day plant.
3. Give an example of day neutral plant.
4. Give an example of short-long day plant.
5. Give an example of long-short day plant.
6. Define cryptochrome.
7. What is phytochrome?
8. Which is the active form of Phtyochrome?
9. What is vernalization?
10. What is Leghaemoglobin?
11. Write the full form of GA and GOGAT.
12. Name one non-symbiotic nitrogen fixing bacterium.
13. Mention the names of three different types of organisms capable of nitrogen fixation.
14. Name one non-leguminous plant which can fix nitrogen.
15. What is ammonification?
16. What is transamination?
17. Write short note on:
    Photoperiodism
    Reductive amination
    Importance of critical day length in the flowering of plants
    Transamination
    Symbiotic nitrogen fixation
18. Briefly describe the GS and GOGAT system of amino acid synthesis.
19. Discuss the role of phytochrome in photo-induced flowering.
20. Describe the process of nitrogen fixation in leguminous plants.
21. What is meant by nitrate assimilation? Briefly explain the process.
22. What is meant by symbiotic and non-symbiotic nitrogen fixation? Describe briefly the process of symbiotic nitrogen fixation with examples.
23.