

Answer Sheet: Plant Hormones & Adaptations Review

1. Hormones	2. Auxins	3. xerophytes	4. target cells
5. ethylene	6. gravitropism or geotropism	7. ethylene	8. gibberrellins
9. phototropism	10. auxins	11. abscission	12. lateral buds
13. * venus flytrap *mimosa *vines * Pitcher plants	14. plant will grow lateral branches	15. prevents/inhibits lateral bud/branch growth	16. herbicides
17. tropisms	18. phytochrome	19. dormancy	20. photoperiodism
21. thigmotropism not phototropism.	22. * venus flytrap *pitcher plant *mistletoe	23. extensive root systems, small/reduced leaves, stems that store water	24. petiole
25. cytokinins stimulate lateral bud (branch) growth; auxins inhibit lateral bud growth	26. epiphytes	27. B. Tips of roots and stems	28. chemical defenses
29. parasitic	30. Transpiration	31. Abscisic Acid	32. Dormancy
33. Apical dominance	34. Hydrotropism	35. Phototropism	36. Auxin
37. Thigmotropism	38. Auxin, Cytokinin, Gibberellin, Ethylene, Abscisic Acid	39. Photosynthesis	40. Apical meristem
41. A change or the process of change by which an organism or species becomes better suited to its environment.	42. Tips of stem and roots	43. Epiphyte	44. Growing up
45. Light, gravity, water, touch			