

Short notes:

1. Influence of soil temperature on plant growth.
2. Soil consistency (types)
3. Biological weathering
4. Buffering capacity
5. Component of soil
6. Soil moisture constants (Field capacity, saturation, PWP, hygroscopic co-efficient)
7. Characteristics of sand/ silt/ clay.
8. Biological nitrogen fixation/ mycorrhizal association.
9. Plasticity index
10. Importance of pH.
11. USDA classification of soil separates.
12. CEC/ AEC/ Base saturation.
13. Soil acidity, types of acidity and management.
14. Different spheres of soil (lithosphere, atmosphere, hydrosphere, biosphere)
15. Carbon cycle
16. Saline soil
17. Management of soil pollution
18. Stages of weathering.
19. Infiltration and factor affecting infiltration.
20. Soil water retention and movement
21. Soil orders. (names)
22. Grades of soil structure
23. Porosity
24. Igneous rock/ sedimentary rock.
25. Mode of gaseous exchange between soil and atmosphere.