EXPERIMENT 2- UNIT WEIGHT

1. Dry density of soil can be defined as the ratio of
2. Weight of solids to total volume
3. Weight of soil to the total volume of solids
4. Unit weight of the soil to the unit weight of water
5. None
6. The bulk density of coarse grained soils can be determined by
7. Sand replacement method
8. Core cutter method
9. Pycnometer method
10. Torsion balance method
11. The bulk density of clays can be determined by
12. Core cutter method
13. Pycnometer method
14. Torsion balance method
15. Sand replacement method
16. Fundamental relationship between dry density(),bulk density(), and water content() is
17. (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
18. The submerged density of soil in terms of unit weight of water , specific gravity G and void ratio e is given by the expression
19. (\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
20. Choose the correct one
21. >>>
22. ><>
23. ===
24. <<<
25. Unit weight of solids depends on
26. Compaction
27. Consolidation
28. Specific gravity
29. Void ratio
30. Bulk density, saturation density and dry density of soil varies upon
31. Degree of compaction
32. Degree of consolidation
33. Water content
34. Porosity
35. Different soils have different unit weights
36. True
37. False
38. Cannot be answered
39. Could not be answered
40. Select the correct one
41. Unit weight of dry soil is greater than unit weight of wet soil
42. For dry soils, dry unit weight is less than total unit weight
43. Unit weight of soil increases due to submergence in water
44. Unit weight of soil decreases due to submergence in water