Exp 4-Atterbergs limits

1. Atterberg limits are usefull for
2. Fine grained soil
3. Coarse grained soil
4. Both a and b
5. None
6. In liquid state the shear strength is
7. Zero
8. <0
9. >0
10. None
11. If soft rubber base is used instead of standard rubber base, liquid limit of soil always -------because more number of blows are required
12. Increases
13. Decreases
14. Remains same
15. None
16. Shrinkage ratio is given by
17. ᵞd/ᵞw
18. ᵞd/ᵞ
19. ᵞw/ᵞd
20. ᵞ/ᵞw
21. Shrinkage limit is given by
22. e/G
23. ᵞd/ᵞw
24. 1-e/G
25. 1-ᵞd/ᵞw
26. Plastic index is given by (Ip)
27. Wl-Wp
28. Ws-Wp
29. Wp-Ws
30. Wl-Ws
31. Plasticity index of non plastic soil is
32. =0
33. <0
34. >0
35. None
36. Toughness index is given as
37. Plasticity index(Ip)/Flow index(If)
38. If/Ip
39. If/Is
40. Ip/Is
41. If consistency index is negative the soil will be in ---------- state
42. Liquid
43. Plastic
44. Semisolid
45. Solid
46. Liquid limit, plastic limit and plasticity index \_\_\_\_\_\_ with \_\_\_\_\_ of grain size
47. Decreases, Increases
48. Decreases, Decreases
49. Increases, Increases
50. Increases, Decreases