Exp 4- Grain size distribution

1. Group index of soil ranges such that
2. 0<GI<20
3. 0≤GI≤20
4. 0≤GI≤25
5. 0<GI<∞
6. The IS classification of soils is
7. Particles size classification
8. Textural classification
9. Highway research board classification
10. Modified unified classification
11. The biggest size of clay particles is
12. 0.0002mm
13. 0.002mm
14. 0.02mm
15. 0.075mm
16. The maximum size of fine grained soil is
17. 0.002mm
18. 0.075mm
19. 0.75mm
20. 4.75mm
21. Stokes law is valid only if the size of particle is
22. <0.0002mm
23. >0.2mm
24. Between 0.2mm and 0.0002mm
25. All of the above
26. Which of the following is a measure of particle size range
27. Effective size
28. Uniformity coefficient
29. Coefficient of curvature
30. None of the above
31. Uniformity coefficient of soil is
32. <1
33. =1
34. >1
35. ≤1
36. Sieve analysis is used when size of particle is
37. >0.075mm
38. <0.075mm
39. 4.75mm
40. 0.01mm
41. Sedimentation analysis is used when size of particle is
42. >0.075mm
43. <0.075mm
44. 4.75mm
45. 0.01mm
46. A flat grain size distribution curve shows a
47. Narrow range of grain size
48. Wide range of grain size
49. Uniform grain size
50. Grain size from two representative fractions